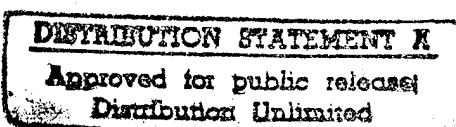


Research, Development, Test and Evaluation
Program (R-1), Department of Defense
Budget for Fiscal Year 1983

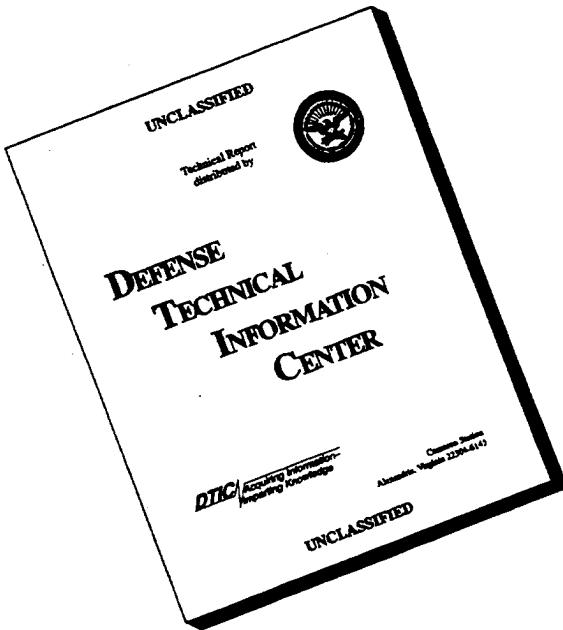
(U.S.) Department of Defense
Washington, DC

8 Feb 82



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Preface

The R.O.T.& E. Programs (R-1) exhibit is derived from and consistent with the DoD Five Year Defense Program R.O.T.& E. Annex data base. The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the transmission by the President of the Budget of the United States Government. It is accompanied by an automated data base submission to the House Committee on Administration for input to the House Information System. An unclassified version is provided to OASD(PA) for use by non-DoD activities.

Office of the Assistant Secretary of Defense
Comptroller

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DEPARTMENT OF DEFENSE
FY 1983 R D T & E PROGRAM
SUMMARY

EXHIBIT R-1

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

SUMMARY BY APPROPRIATION

	FY 1981	FY 1982	FY 1983	FY 1984
RESEARCH DEVELOPMENT TEST + EVAL, ARMY	3,124,274	3,609,535	4,484,000	5,284,734
RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,024,866	5,807,131	6,232,300	7,746,511
RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	7,133,347	8,876,310	11,220,400	11,448,035
RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,308,948	1,697,646	2,259,900	2,912,069
DIRECTOR OF TEST + EVALUATION, DEFENSE	42,100	53,000	60,000	63,702
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	16,633,535	20,043,622	24,256,600	27,455,051

SUMMARY RECAP OF RESEARCH CATEGORIES

RESEARCH	614,816	694,644	828,093	927,847
EXPLORATORY DEVELOPMENT	1,985,285	2,212,464	2,508,843	2,879,765
ADVANCED DEVELOPMENT	2,806,278	3,475,946	4,689,386	6,826,501
ENGINEERING DEVELOPMENT	6,394,647	7,683,308	8,918,892	8,534,212
MANAGEMENT AND SUPPORT	1,735,852	2,008,888	2,223,830	2,409,403
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	13,536,878	16,075,250	19,169,044	21,577,728
OPERATIONAL SYSTEMS DEVELOPMENT	3,096,657	3,968,372	5,087,556	5,877,323
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	16,633,535	20,043,622	24,256,600	27,455,051

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DEPARTMENT OF DEFENSE
FY 1983 R D T & E PROGRAM

SUMMARY

EXHIBIT R-1

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

SUMMARY RECAP OF BUDGET ACTIVITIES

TECHNOLOGY BASE

ADVANCED TECHNOLOGY DEVELOPMENT

STRATEGIC PROGRAMS

TACTICAL PROGRAMS

INTELLIGENCE AND COMMUNICATIONS

DEFENSEWIDE MISSION SUPPORT

TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION

SUMMARY RECAP OF FYDP PROGRAMS

STRATEGIC FORCES

GENERAL PURPOSE FORCES

INTELLIGENCE AND COMMUNICATIONS

AIRLIFTSEALIFT

RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)

CENTRAL SUPPLY AND MAINTENANCE

TRAINING MEDICAL AND OTHER

SUPPORT OF OTHER NATIONS

TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION

	FY 1981	FY 1982	FY 1983	FY 1984
TECHNOLOGY BASE				
ADVANCED TECHNOLOGY DEVELOPMENT	2,600,101	2,907,108	3,336,936	3,807,612
STRATEGIC PROGRAMS	593,333	735,448	951,748	1,261,054
TACTICAL PROGRAMS	3,440,397	4,643,427	6,647,050	7,762,462
INTELLIGENCE AND COMMUNICATIONS	6,129,710	6,899,753	7,575,746	8,095,383
DEFENSEWIDE MISSION SUPPORT	1,632,102	2,202,026	2,772,475	3,312,372
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	2,237,892	2,655,860	2,972,645	3,216,168
SUMMARY RECAP OF BUDGET ACTIVITIES	16,633,535	20,043,622	24,256,600	27,455,051
SUMMARY RECAP OF FYDP PROGRAMS				
STRATEGIC FORCES	682,723	713,179	853,817	882,106
GENERAL PURPOSE FORCES	712,870	848,120	1,250,140	1,386,915
INTELLIGENCE AND COMMUNICATIONS	1,660,858	2,362,035	2,953,312	3,579,502
AIRLIFTSEALIFT	26,935	30,485	12,604	7,310
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	13,536,878	16,075,250	19,169,044	21,577,728
CENTRAL SUPPLY AND MAINTENANCE	10,337	10,958	13,738	17,350
TRAINING MEDICAL AND OTHER	615	1,000	1,157	1,378
SUPPORT OF OTHER NATIONS	2,319	2,595	2,788	2,762
TOTAL RESEARCH, DEVELOPMENT, TEST & EVALUATION	16,633,535	20,043,622	24,256,600	27,455,051

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ARMY

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

SUMMARY

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DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

SUMMARY RECAP OF RESEARCH CATEGORIES

	FY 1981	FY 1982	FY 1983	FY 1984
RESEARCH	144,372	178,116	221,823	242,709
EXPLORATORY DEVELOPMENT	364,718	408,564	477,878	576,202
ADVANCED DEVELOPMENT	674,278	940,658	1,667,165	2,137,403
ENGINEERING DEVELOPMENT	1,230,593	1,160,016	1,039,866	1,120,076
MANAGEMENT AND SUPPORT	535,831	682,813	789,389	869,511
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	2,949,792	3,370,167	4,196,121	4,945,903
OPERATIONAL SYSTEMS DEVELOPMENT	174,482	239,368	287,879	338,831
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY	3,124,274	3,609,535	4,484,000	5,284,734

SUMMARY RECAP OF BUDGET ACTIVITIES

	FY 1980	FY 1981	FY 1982	FY 1983	FY 1984
TECHNOLOGY BASE	509,090	586,680	699,701	818,911	818,911
ADVANCED TECHNOLOGY DEVELOPMENT	159,401	210,652	314,528	486,841	486,841
STRATEGIC PROGRAMS	266,632	462,109	919,001	869,305	869,305
TACTICAL PROGRAMS	1,568,778	1,572,970	1,678,959	2,108,900	2,108,900
INTELLIGENCE AND COMMUNICATIONS	42,395	47,157	73,056	109,311	109,311
DEFENSEWIDE MISSION SUPPORT	577,978	729,967	798,755	891,466	891,466
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY	3,124,274	3,609,535	4,484,000	5,284,734	5,284,734

SUMMARY RECAP OF FYDP PROGRAMS

	FY 1981	FY 1982	FY 1983	FY 1984
STRATEGIC FORCES	3,200	19,252	48,447	58,376
GENERAL PURPOSE FORCES	132,060	159,316	184,983	195,935
INTELLIGENCE AND COMMUNICATIONS	39,222	60,800	54,449	84,520
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	2,949,792	3,370,167	4,196,121	4,945,903
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, ARMY	3,124,274	3,609,535	4,484,000	5,284,734

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM
APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM ELEMENT NO NUMBER	ITEM NOmenCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
1	61101A IN-HOUSE LAB INDEPENDENT RESEARCH	1	19,476	21,506	21,902
2	61102A DEFENSE RESEARCH SCIENCES	1	124,896	156,610	199,921
3	62105A MATERIALS	1	11,719	10,450	9,615
4	62111A ATMOSPHERIC INVESTIGATIONS	1	6,208	5,534	5,045
5	62120A FUZE/NUCLEAR WPNs EFFECTS/FLUIDICS	1	5,783	5,225	6,532
6	62201A AIRCRAFT WEAPONS TECHNOLOGY	1	1,666	2,094	2,492
7	62202A AIRCRAFT AVIONICS TECHNOLOGY	1	5,475	5,967	8,389
8	62209A AERONAUTICAL TECHNOLOGY	1	18,208	18,044	24,349
9	62210A AIRDROP TECHNOLOGY	1	1,188	1,540	1,688
10	62303A MISSILE TECHNOLOGY	1	25,922	30,041	37,651
11	62307A HIGH ENERGY LASER TECHNOLOGY	1	18,759	22,926	31,327
12	62601A TANK AND AUTOMOTIVE TECHNOLOGY	1	11,441	14,648	19,925
13	62603A LARGE CAL AND NUCLEAR TECHNOLOGY	1	26,521	19,750	26,500
14	62617A SMALL CAL AND FIRE CNTRL TECHNOLOGY	1	12,117	11,470	9,902
15	62618A BALLISTICS TECHNOLOGY	1	19,606	21,841	21,637
16	62622A CHEMICAL MUNITIONS/CHEMICAL CMBT SPT	1	7,279	18,468	14,829
17	62623A JOINT SERVICE SMALL ARMS PROGRAM (JSSAP)	1			3,706
18	62701A COMMUNICATIONS TECH	1	8,067	7,545	9,719
19	62703A CMBT SURV TARGET ACQ/ID	1	5,097	2,214	2,918
20	62704A MIL ENVIRONMENTAL CRITERIA DEV	1	2,319	2,755	2,584
21	62705A ELECTRICAL AND ELECTRONIC DEVICES	1	15,135	15,275	17,725

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DEPARTMENT OF THE ARMY
FY 1983 RDT & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1982			FY 1983 E --	FY 1984 C --
			---	---	---		
22	62706A CHEM BIOLOGICAL DEF/GEN INVEST	1	13,169	22,899	29,589	48,316 U	
23	62707A MAPPING - GEODESY	1	5,020	5,750	6,830	8,962 U	
24	62709A NIGHT VISION INVESTIGATIONS	1	12,673	13,154	14,101	13,934 U	
25	62715A TACTICAL ELECTRONIC WARFARE TECHNOLOGY	1	8,554	9,707			
26	62716A HUMAN FACTORS ENGR IN SYS DEV	1	7,005	8,547	9,173	11,409 U	
27	62717A HUMAN PERFORMANCE EFFECT/SIMULATION	1	3,196	3,373	3,581	4,369 U	
28	62719A MOBILITY AND WEAPONS EFFECTS TECH	1	5,251	6,266	8,410	9,402 U	
29	62720A ENVIRONMENTAL QUALITY TECH	1	6,437	7,483	8,706	9,527 U	
30	62722A MANPOWER/PERSONNEL/TRAINING	1	6,203	5,922	7,370	8,510 U	
31	62723A CLOTHING EQUIP AND SHELTER TECH	1	5,371	5,574	6,970	7,251 U	
32	62724A JT SVC FOOD SYS TECH	1	6,552	5,556	5,595	7,012 U	
33	62725A COMPUTER AND INFORMATION SCIENCE	1	2,058	1,794	1,966	2,181 U	
34	62727A NON-SYSTEM TRAINING DEVICES	1	2,691	2,657	2,900	4,709 U	
35	62730A COLD REGIONS ENGINEERING TECHNOLOGY	1	4,262	5,443	6,660	6,966 U	
36	62731A MILITARY FACILITIES ENGINEERING TECHNOLOGY	1	3,735	3,397	4,250	4,422 U	
37	62732A RPV SUPPORTING TECHNOLOGY	1	1,456		1,588	3,447 U	
38	62733A MOBILITY EQUIPMENT TECHNOLOGY	1	10,007	10,164	11,278	12,717 U	
39	62734A MED DEFENSE AGAINST CHEM AGENTS	1	5,260	25,785	26,865	37,123 U	
40	62746A TACTICAL ADP TECH	1	7,024	8,029	7,076	6,003 U	
41	62770A MILITARY DISEASE HAZARDS TECH	1	16,194	17,115	24,979	29,805 U	
42	62772A COMBAT CASUALTY CARE TECH	1	15,495	6,749	6,682	8,486 U	

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DEPARTMENT OF THE ARMY
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APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 E	FY 1984 C
43 62775A	COMBAT MAXILLOFACIAL INJURY	1	615	1,473	2,619	3,044	U
44 62777A	SYSTEMS HEALTH HAZARD PREVENT TECH	1	12,545	13,963	18,066	21,385	U
45 62781A	ENERGY TECH APPL FOR MILITARY FACIL	1	1,435	1,977	1,891	2,102	U
	TECHNOLOGY BASE		509,090	586,680	699,701	818,911	
46 63102A	MATERIALS SCALE-UP	2	4,056	3,986	7,478	16,061	U
47 63104A	FUELS AND LUBRICANTS	2	695	1,304	1,871	3,878	U
48 63201A	AIRCRAFT POWER PLANTS AND PROPULSION	2	3,868	2,963	8,660	33,504	U
49 63206A	AIRCRAFT WEAPONS	2	1,941	497	5,581	16,253	U
50 63207A	AIRCRAFT AVIONICS EQUIPMENT	2	3,695	2,312	4,494	6,868	U
51 63209A	AIR MOBILITY SUPPORT	2	247	1,809	3,784	7,464	U
52 63211A	ROTARY WING CONTROLS/ROTORS/STRUCTURES	2	12,306	28,438	33,809	45,459	U
53 63216A	SYNTHETIC FLIGHT SIMULATORS DEVELOPMENT	2	3,926	5,980	3,522	8,278	U
54 63218A	AIRDROP EQUIP AND TECHNIQUES	2	1,775	2,695	1,688	2,084	U
55 63220A	LIGHT HELIC ADVAN TECH DEMONSTRATION	2			944	14,060	U
56 63221A	NOE AVIATION AND NAVIGATION EQUIPMENT	2		2,336	1,899	8,932	U
57 63306A	TERMINALLY GUIDED PROJECTILES	2	10,774	1,997	6,814	23,610	U
58 63313A	MSL/ROCKET COMPONENTS	2	4,229	311	9,181	14,024	U
59 63314A	HI-ENERGY LASER COMPONENTS	2			33,116	42,581	U
60 63324A	HIGH TECHNOLOGY TEST BED	2			10,711	8,261	U
61 63602A	ADVANCED LAND MOB SYSTEMS CONCEPTS	2	34,008	9,217	7,767	30,865	U
62 63606A	LANDMINE WARFARE/BARRIER DEV	2	4,345	10,768	9,324	11,335	U

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DEPARTMENT OF THE ARMY
FY 1983 RDT & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	THOUSANDS OF DOLLARS		
					E	FY 1983	FY 1984 C
84 63761A	ELEC WFR VULN/SUSCPE TECH SUPPORT	2			4,995	8,138 U	
85 63762A	ELECTRONIC WARFARE FEASIBILITY DEVELOPMENT	2			4,951	5,354 U	
86 63763A	INDUSTRIAL BASE B10 WFR VACCINES/DRUGS	2					
87 63765A	NONCONTACTICAL ADP TECHNOLOGY	2			495	492 U	
	ADVANCED TECHNOLOGY DEVELOPMENT						
88 63304A	BMD ADVANCED TECHNOLOGY	3	123,222	126,494	143,243	151,464 U	
89 63308A	BALLISTIC MSL DEF SYS TECH	3	143,410	335,615	727,311	659,465 U	
90 12814A	SPECIAL PROGRAM	3					
91 12817A	MOBILE COMMAND CENTERS	3			4,961	49,249 U	
92 12821A	CLASSIFIED PROGRAM	3					
	STRATEGIC PROGRAMS						
93 63215A	JOINT SURVIVABILITY INVESTIGATIONS	4	645	930	1,103	1,117 U	
94 63222A	SPECIAL ELECTRONIC MISSION AIRCRAFT-X	4			498	14,259 U	
95 63302A	HIGH-TO-MEDIUM AIR DEFENSE DEV	4			27,172	34,548 U	
96 63303A	SURF-TO-SURF MSL ROCKET SYS	4	281	2,989	16,407	31,224 U	
97 63307A	SHORT RANGE AIR DEF SELF PROT WPN	4	1				
98 63316A	ADVANCED ROCKET CONTROL SYSTEM	4	21,178		27,869	53,992 U	U
99 63320A	CDRPS SUPPORT WEAPON SYSTEM	4	14,294	10,727	6,103	22,465 U	
100 63323A	LIGHT WEIGHT AIR DEFENSE SYSTEM	4			3,466	14,751 U	
101 63604A	NUCLEAR MUNITIONS AND RADIACS	4	1,891	3,568			

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DEPARTMENT OF THE ARMY
FY 1983 RDT & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM ITEM NOMENCLATURE	ACT ---	THOUSANDS OF DOLLARS		
			FY 1981 ---	FY 1982 ---	FY 1983 ---
102	63608A WEAPONS AND AMMUNITION (H)	4	1,999		
103	63612A RATTLER	4	16,006		
104	63615A LETHAL CHEMICAL MUNITIONS CONCEPTS	4	870	8,157	13,733
105	63619A LANDMINE/BARRIER SYS	4	2,830	6,050	4,595
106	63627A COMBAT SUPPORT MUNITIONS	4	3,384	3,149	2,700
107	63628A FIELD ARTILLERY AMMO DEV	4	11,905	24,647	23,951
108	63629A DIVISION SUPPORT WEAPONS SYSTEM	4	5,696	2,032	6,941
109	63632A ARMORED CMBT LOG SPT VEHICLE FAMILY	4	4,188	101	
110	63633A TANK AND MORTAR AMMUNITION DEVELOPMENT	4			9,053
111	63635A MOBILE PROTECTED GUN	4		7,955	37,354
112	63702A ELECTRIC POWER SOURCES	4			2,998
113	63705A PHYSICAL SECURITY	4			5,452
114	63706A IDENTIFICATION-FRIEND OR FOE DEV	4		2,902	9,469
115	63707A COMMUNICATIONS DEVELOPMENT	4		21,668	6,318
116	63711A AIRCRAFT SURVIVABILITY EQUIPMENT	4		3,582	12,162
117	63713A ADDS-ARMY DATA DISTRIBUTION SYSTEM	4			18,664
118	63718A EW VULN/SUSC	4			32,164
119	63719A SPECIAL PURPOSE DETECTORS	4			
120	63721A CHEMICAL DEFENSE MATERIEL CONCEPTS	4	17,393	20,026	26,542
121	63723A COMMAND AND CONTROL	4	13,880	20,939	22,133
122	63726A COMBAT SUPPORT EQUIPMENT	4	5,736	6,707	8,113

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DEPARTMENT OF THE ARMY
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EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT ... FY 1981 ... 10,282	FY 1982 ... 14,984	FY 1983 ... 224	FY 1984 ... 260 U	THOUSANDS OF DOLLARS -S E C
123	63730A TACTICAL SURVEILLANCE SYSTEM	4				
124	63732A COMBAT MEDICAL MATERIAL	4				
125	63737A ANTI-RADIATION MSL COUNTER MEASURES	4	4,343	5,305		U
126	63740A DIV AIR DEFENSE COMD/CNTRL	4	12,029	9,171	4,399	8,344 U
127	63741A METEOROLOGIC EQUIPMENT DEVELOPMENT	4				2,821 U
128	63745A TAC ELECTRONIC SPT MEASURE SYS	4	14,575	13,911		
129	63746A SINGLE CHANNEL GRD/ABN RADIO SUB-SYS	4	25,088	13,682	17,862	U
130	63747A SOLDIER SUPPORT/SURVIVABILITY	4			2,251	5,855 U
131	63750A DRUG AND VACCINE DEVELOPMENT	4			8,796	12,957 U
132	63751A MEDICAL DEFENSE AGAINST CHEM WARFARE	4			2,924	39,632 U
133	63753A BATTLEFIELD DATA SYSTEMS	4			1,891	5,429 U
134	63755A TAC ELEC C/M SYS	4	9,901	17,793		
135	63764A MEDICAL CHEM DEFENSE LIFE SUPPORT MAT	4			36,189	30,430 U
136	63766A TACTICAL ELECTRONIC SURVEILLANCE SYS	4				
137	64202A AIRCRAFT WEAPONS	4	6,571	3,495	686	576 U
138	64204A AIR MOBILITY SUPPORT EQUIPMENT	4	508	2,308	2,245	6,357 U
139	64206A UH-60A BLACKHAWK	4			6,140	6,708 13,450 U
140	64207A ADVANCED ATTACK HELICOPTER	4	172,941	91,874	33,725	39,448 U
141	64212A COBRA TOW	4	2,487	19,616	12,245	4,419 U
142	64213A CH-47 MODERNIZATION	4	570			U
143	64216A AIRCRAFT PROPULSION SYSTEMS	4			1,007	4,317 U

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

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PROGRAM
LINE ELEMENT
NO NUMBER
ITEM NOMENCLATUREACT
FY 1981

FY 1982

FY 1983

FY 1984

THOUSANDS OF DOLLARS

144	64217A	SYNTHETIC FLIGHT TRAINING SYSTEMS	4	560	3,063	30,951	21,053	U	
145	64218A	AIRDROP EQUIP DEVELOPMENT	4	1,008	2,918	3,136	4,144	U	
146	64220A	ARMY HELICOPTER IMPROVEMENT PROG	4	25,657	38,497	75,811	55,666	U	
147	64221A	SURVEILLANCE SYSTEM	4	3,910	12,868	12,868	11,241	U	
148	64222A	JOINT SERVICE ROTARY WING AIRCRAFT DEVEL	4	4	49,765	49,765	77,290	U	
149	64268A	AIRCRAFT COMPONENT IMPROVEMENT PROGRAM	4	5	10,996	10,996	17,635	U	
150	64306A	STINGER	4	5,657	16,121	16,121	16,121	U	
151	64307A	PATRIOT (SAM-D)	4	75,362	57,812	47,076	86,076	U	
152	64309A	ROLAND	4	12,613	12,613	12,613	12,613	U	
153	64310A	HELIBORNE MISSILE-HELLFIRE	4	51,515	24,225	19,327	285	U	
154	64311A	PERSHING II	4	149,377	150,580	111,301	23,598	U	
155	64313A	GRASS BLADE	4	43,713	29,826	17,117	9,546	U	
156	64314A	MULTIPLE LAUNCH ROCKET SYS	4	69,925	38,172	23,215	23,215	U	
157	64316A	FIRE AND FORGET HELLFIRE	4	4,766	4,766	4,766	4,766	U	
158	64318A	DIVISION AIR DEFENSE GUN	4	65,203	29,949	29,949	29,949	U	
159	64321A	JOINT TACTICAL FUSION PROGRAM	4	30,417	30,417	30,417	30,417	U	
160	64601A	INFANTRY SUPPORT WEAPONS	4	4,853	11,707	11,707	5,601	U	
161	64603A	NUCLEAR MUNITIONS	4	13,163	33,920	33,920	33,920	U	
162	64608A	ARMY SMALL ARMS PROGRAM	4	748	393	393	393	U	
163	64609A	COMBAT SUPPORT SYSTEMS	4	707	3,037	3,037	2,640	U	
164	64610A	LETHAL CHEMICAL MUNITIONS	4	76	2,169	2,169	2,169	2,169	U

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 ---	S E C -	THOUSANDS OF DOLLARS	
								---	---
165	64612A COUNTERMINES AND BARRIERS	4	1,999	2,974	6,192	7,677	U		
166	64614A FLD ARTY WPNS/AMMO (155MM) (H)	4	341				U		
167	64616A FIGHTING VEHICLE SYS	4	41,651	103,393	50,488	33,512	U		
168	64619A LANDMINE WARFARE	4	11,133	4,943	9,701	7,459	U		
169	64620A TANK SYSTEMS	4	51,540	28,407	11,961		U		
170	64621A COPPERHEAD	4	6,026	3,294	2,075		U		
171	64623A VIPER (H)	4	7,774				U		
172	64624A HIGH MOBILITY MULTI-PURPOSE VEHICLE	4	4,670	3,013	2,743		U		
173	64626A FIRE INTEGRATION SPT TEAM VEH	4	8,432	9,600	6,926		U		
174	64628A INDIRECT FIRE TRAINING MUNITIONS	4		1,337		1,445	U		
175	64630A TANK GUN COOPERATIVE DEVELOPMENT	4	61,473	82,724	54,342	61,252	U		
176	64631A FLD ARTY AMMUNITION	4	2,243	1,460	2,573	15,824	U		
177	64632A 105MM TANK AMMUNITION	4	5,005	5,195	1,059	7,938	U		
178	64701A COMM ENGINEERING DEV	4	5,909	8,865	11,705	14,004	U		
179	64702A JOINT TACTICAL INFO DISTRIBUTION SYSTEMS	4		15,854	14,556		U		
180	64704A UNATTENDED GROUND SENSORS	4	3,955	6,927	4,135	12,472	U		
181	64705A MODULAR INTEGRATED COMM AND NAVIGATION SYS	4		17,589	14,754	7,637	U		
182	64706A RADIODILOGICAL DEFENSE EQUIPMENT	4	318	308	838	968	U		
183	64709A IDENTIFICATION-FRIEND OR FOE EQ	4	1,410	2,418	2,660	4,793	U		
184	64710A NIGHT VISION DEVICES	4	4,359	5,326	4,931	5,777	U		
185	64711A AIRCRAFT SURVIVABILITY EQUIPMENT	4	12,942	14,406	20,335	17,019	U		
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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
186	64712A TACTICAL C3 SYSTEMS ENGINEERING	4	9,578	8,110	14,900
187	64713A COMBAT FEEDING, CLOTHING AND EQUIPMENT	4	1,951	2,531	2,574
188	64714A TACTICAL ELECTRICAL POWER SOURCES	4	3,061	1,533	1,805
189	64717A GENERAL COMBAT SUPPORT	4	8,748	8,001	5,967
190	64718A PHYSICAL SECURITY	4	6,147	5,761	5,099
191	64722A EDUCATION AND TRAINING	4			995
192	64723A SPECIAL PURPOSE DETECTORS	4	746		
193	64724A BIOLOGICAL DEFENSE MATERIEL	4	2,047	1,034	391
194	64725A CHEMICAL DEFENSE MATERIEL	4	17,423	37,696	26,017
195	64727A COMMAND AND CONTROL	4	19,564	14,965	13,650
196	64730A REMOTELY PILOTED VEHICLES	4	56,669	73,094	77,949
197	64740A TACTICAL SURVEILLANCE SYSTEM	4	2,466	4,696	
198	64745A TAC ELECTRONIC SPT MEASURE SYS	4	29,007	7,780	
199	64746A AUTOMATIC TEST SUPPORT SYSTEMS	4		4,983	2,940
200	64748A STANDOFF TARGET ACQUISITION SYSTEM	4	57,486		
201	64750A TAC ELEC C/M SYS	4	5,250	5,621	
202	64751A SINGLE CHANNEL GRD/ABN RADIO SUB ENG	4			16,672
203	64753A BATTLEFIELD DATA SYSTEMS	4			27,868
204	64757A MEDICAL CHEMICAL DEFENSE LIFE SPT MAT	4			43,333
205	64758A DRUG AND VACCINE DEVELOPMENT	4			4,935
206	64766A TACTICAL ELECTRONIC SURVEILLANCE SYS	4			4,935

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DEPARTMENT OF THE ARMY
FY 1983 RDT & E PROGRAM
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EXHIBIT R-1

DATE: 08 FEB 1982

LINE ELEMENT NO NUMBER	PROGRAM ITEM NOMENCLATURE	ITEM NOMENCLATURE	ACT	\$			
				FY 1981	FY 1982	FY 1983	FY 1984
207	64779A	JT INTEROPERABILITY TAC COMD/CNTRL	4	23,176	29,465	30,066	48,038 U
208	65710A	JOINT CB CONTACT POINT AND TEST	4	729	1,413	1,451	2,218 U
209	23724A	HV ANTI-TANK ASSAULT WPN SYS (TOW)	4	22,731	6,569	1,981	1,967 U
210	23726A	ADV FIELD ARTY TAC DATA SYS	4	2,129	5,958	7,224	28,446 U
211	23730A	CHAPARRAL	4	22,908	19,616	26,381	24,518 U
212	23731A	SAM HAWK/HAWK IMP PROG	4	9,481	39,435	37,971	27,125 U
213	23733A	LANCE (NNL) WARHEAD (H)	4	707			U
214	23735A	COMBAT VEHICLE IMPROVE PROG	4	20,322	29,395	46,785	49,637 U
215	23739A	AN/TSQ-73 MODIFICATIONS	4	1,330	532	1,025	U
216	23740A	MANEUVER CONTROL SYSTEM (MCS)	4	7,877	14,825	14,947	9,858 U
217	23741A	PROD IMPR VULCAN AIR DEF SYS	4	9,491			U
218	23742A	COMMUNICATIONS SYSTEM ENGINEERING PROGRAM	4			1,485	1,869 U
219	28010A	JT TACTICAL COMM PROG	4	35,084	42,986	47,184	52,515 U
220	33142A	SATCOM GROUND ENVIRONMENT	4	23,562	41,524		U
221	33145A	EUCOM C3 SYSTEMS	4	1,133	4,016	527	4,948 U
		TACTICAL PROGRAMS		1,568,778	1,572,970	1,678,959	2,106,900
222	63712A	MAPPING AND GEODESY	5	1,999	1,042	3,424	1,065 U
223	64201A	AIRCRAFT AVIONICS	5	4,511	11,503	3,799	20,302 U
224	64716A	MAPPING AND GEODESY	5	309	100		3,599 U

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 C E	THOUSANDS OF DOLLARS
225	64778A NAVSTAR GLOBAL POS SYS (USER EQ)	5	17,849		11,911		4,773 U
226	12814A SPECIAL PROGRAM	5					
227	31022A SCIENTIFIC AND TECH INTELLIGENCE (H)	5					
228	31307A FOREIGN SCIENCE AND TECHNOLOGY CENTER	5					
229	31327A TECHNICAL RECONN AND SURVEILLANCE	5					
230	33111A STRATEGIC ARMY COMMUNICATIONS	5	684	788	812		954 U
231	33126A LONG-HAUL COMMUNICATIONS (DCS)	5	7,267	7,460	7,578		7,492 U
232	33142A SATCOM GROUND ENVIRONMENT	5			35,545		57,043 U
233	33401A COMMUNICATIONS SECURITY INTELLIGENCE AND COMMUNICATIONS	5	6,118 42,395	6,946 47,157			
234	63718A EW VULNERABILITY/SUSCEPTIBILITY	6	17,429	22,226			U
235	63738A NON-SYSTEM TRAINING DEVICES	6	1	1,380			6,343 U
236	64268A ACFT ENGINE COMPONENT IMPROVE PROG	6	8,579	11,609			U
237	64715A NON-SYSTEM TNG DEVICES ENGR	6	12,211	11,253	8,645		16,054 U
238	64726A METEOROLOGICAL EQUIPMENT SYSTEMS	6	4,656	2,099	2,172		1,776 U
239	65102A TRADOC STUDIES AND ANALYSES	6	1,400	1,543	3,287		3,429 U
240	65201A AVIATION ENGINEERING FLIGHT ACTIVITY	6	4,365	5,432	5,791		6,714 U
241	65301A KWAJALEIN MISSILE RANGE	6	125,475	139,351	152,140		151,601 U
242	65702A SUPPORT OF DEVELOPMENT TESTING	6	22,804	36,635	43,180		56,377 U
243	65706A MATERIEL SYSTEMS ANALYSIS	6	9,874	12,435	13,166		14,216 U
244	65709A EXPLOITATION OF FOREIGN ITEMS	6	1,480	1,953	2,021		2,737 U

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DEPARTMENT OF THE ARMY
FY 1983 R D T & E PROGRAM
APPROPRIATION: 2040 A RESEARCH DEVELOPMENT TEST + EVAL, ARMY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS			
			FY 1981	FY 1982	FY 1983	FY 1984 EST C -----
245	65712A SUPPORT OF OPERATIONAL TESTING	6	36,119	42,584	50,106	60,283 U
246	65715A DEFENSE SYSTEMS MANAGEMENT COLLEGE	6	1,144	203	202	201 U
247	65801A PROGRAM-WIDE ACTIVITIES	6	51,693	63,591	70,101	72,037 U
248	65802A INTL COOPERATIVE RESEARCH AND DEV	6	645	980	1,041	1,093 U
249	65803A TECHNICAL INFO ACTIVITIES	6	3,588	4,628	5,249	6,179 U
250	65804A DARCOM MAJOR RANGE/TEST FACIL	6	239,981	278,874	300,671	337,847 U
251	65805A MUNITIONS-STANDARDIZATION EFFECT AND SAFETY	6	5,776	7,083	8,047	10,734 U
252	65806A DOD HIGH ENERGY LASER SYSTEMS TEST FAC	6		40,224	34,030	32,177 U
253	65807A MAINSITE	6			17,119	38,595 U
254	65872A PRODUCTIVITY INVESTMENT FUNDING	6		3,889	34,139	21,658 U
255	65890A INSTL AUDIVISUAL SPT (R/D)	6		2,278	2,344	2,408 U
256	65898A MGT HQ (RESEARCH/DEVELOPMENT) DEFENSEWIDE MISSION SUPPORT	6	30,758	39,717	45,304	49,007 U ----- 377,978
				729,967	798,755	891,466
						----- 3,124,274
						5,284,734
TOTAL	RESEARCH DEVELOPMENT TEST + EVAL, ARMY		3,609,535		4,484,000	

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM
SUMMARY

EXHIBIT R-1

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

	FY 1981	FY 1982	FY 1983	FY 1984
SUMMARY RECAP OF RESEARCH CATEGORIES				
RESEARCH	241,418	276,221	313,388	345,050
EXPLORATORY DEVELOPMENT	461,328	493,582	540,039	591,117
ADVANCED DEVELOPMENT	1,265,393	1,616,459	1,865,475	3,100,327
ENGINEERING DEVELOPMENT	1,887,327	2,061,883	2,012,311	1,920,313
MANAGEMENT AND SUPPORT	482,276	558,300	602,307	656,302
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	4,337,742	5,006,445	5,333,520	6,613,109
OPERATIONAL SYSTEMS DEVELOPMENT	687,124	800,686	898,780	1,133,402
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,024,866	5,807,131	6,232,300	7,746,511
SUMMARY RECAP OF BUDGET ACTIVITIES				
TECHNOLOGY BASE	702,746	769,803	853,427	936,167
ADVANCED TECHNOLOGY DEVELOPMENT	149,898	152,186	165,122	242,849
STRATEGIC PROGRAMS	404,779	526,529	668,939	1,829,577
TACTICAL PROGRAMS	3,107,230	3,546,340	3,678,085	3,671,319
INTELLIGENCE AND COMMUNICATIONS	152,868	215,274	247,806	400,138
DEFENSEWIDE MISSION SUPPORT	507,345	596,999	618,921	666,461
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,024,866	5,807,131	6,232,300	7,746,511
SUMMARY RECAP OF FYDP PROGRAMS				
STRATEGIC FORCES	282,603	265,542	279,845	394,785
GENERAL PURPOSE FORCES	280,549	363,066	453,701	508,712
INTELLIGENCE AND COMMUNICATIONS	123,357	171,078	164,077	228,527
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	4,337,742	5,006,445	5,333,520	6,613,109
TRAINING MEDICAL AND OTHER	615	1,000	1,157	1,378
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,024,866	5,807,131	6,232,300	7,746,511

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DEPARTMENT OF THE NAVY
FY 1983 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM
LINE ELEMENT
NO NUMBER

ITEM NOMENCLATURE

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	THOUSANDS OF DOLLARS		
					FY 1983	FY 1984	FY 1985
1 61152N	IN-HOUSE LAB INDEPENDENT RESEARCH	1	20,396	21,516	23,337	26,190	U
2 61153N	DEFENSE RESEARCH SCIENCES	1	221,022	254,705	290,051	318,860	U
3 62241N	AIRCRAFT TECHNOLOGY	1	28,657	24,297	27,414	31,865	U
4 62331N	MISSILE PROPULSION TECHNOLOGY	1	9,349	9,247	9,616	9,864	U
5 62332N	STRIKE WARFARE WEAPONRY TECHNOLOGY	1	31,130	20,400	29,808	31,481	U
6 62542N	NUCLEAR PROPULSION TECHNOLOGY	1	44,639	47,576	53,624	58,735	U
7 62543N	SHIPS/SUBS/BOATS TECH	1	35,016	38,251	44,156	48,501	U
8 62633N	UNDERSEA WARFARE WEAPONRY TECHNOLOGY	1	21,526	25,022	25,064	31,079	U
9 62711N	UNDERSEA TARGET SURVEILLANCE TECH	1	36,806	35,810	37,966	42,560	U
10 62712N	SURF/AEROSPACE TARGET SURVEIL TECH	1	29,575	33,634	35,016	36,593	U
11 62721N	COMMAND/CONTROL TECHNOLOGY	1	35,381	29,161	30,577	35,609	U
12 62734N	COUNTERMEASURES TECHNOLOGY	1	25,036	27,931	29,144	31,507	U
13 62735N	HIGH ENERGY LASER TECH	1	38,276	57,487	63,210	69,440	U
14 62757N	HUMAN FACTORS/SIMULATION TECH	1	5,863	6,487	8,055	8,447	U
15 62758N	BIOMEDICAL TECHNOLOGY	1	10,061	10,619	8,996	9,589	U
16 62759N	OCEAN/ATMOSPHERIC SUPPORT TECHNOLOGY	1	22,545	21,585	20,557	21,827	U
17 62760N	LOGISTICS TECHNOLOGY	1	11,808	13,340	14,177	15,724	U
18 62761N	MATERIALS TECHNOLOGY	1	29,777	33,121	33,019	35,875	U
19 62762N	ELECTRONIC DEVICE TECHNOLOGY	1	24,010	26,076	27,134	29,341	U
20 62763N	PERSONNEL & TRNG TECH	1	5,734	6,377	7,259	7,736	U
21 62764N	CHEM/BIOLOGICAL/RADIOLOGICAL DEFENSE TECH	1	730	1,754	1,789	2,545	U

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DEPARTMENT OF THE NAVY
FY 1983 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	EST	
22 62765N	ENERGY AND ENVIRONMENTAL PROTECTION	1	6,550	7,443	6,451	6,728	U	
23 62766N	LAB INDEPENDENT EXPLORATORY DEV	1	8,859	11,967	12,091	12,310	U	
24 62768N	DIRECTED ENERGY TECHNOLOGY	1	-----	5,997	14,916	13,761	U	
	TECHNOLOGY BASE	702,746	769,803	853,427	936,167			
25 63202N	AVIONICS	2	3,314	3,745	3,822	10,342	U	
26 63203N	ADV HELICOPTER DEV	2	4,577	4,790	-----	9,616	U	
27 63207N	ENVIRONMENTAL APPLICATIONS	2	4,654	4,684	7,094	10,113	10,182	U
28 63210N	ADV A/C PROPUL SYS	2	14,504	8,990	-----	3,483	2,752	U
29 63216N	AIRBORNE LIFE SUPPORT SYSTEMS	2	4,821	3,140	4,500	4,928	11,457	U
30 63217N	ADVANCED AIRCRAFT SUBSYSTEMS	2	5,930	3,744	3,430	6,671	6,671	U
31 63251N	AIRCRAFT SYSTEMS	2	4,277	5,963	5,849	6,635	6,635	U
32 63303N	ERASE SYS TECHNOLOGY	2	5,389	3,838	4,011	4,283	4,283	U
33 63306N	ADV A/L ASM SYSTEMS	2	2,871	4,262	2,923	3,233	3,233	U
34 63308N	A/A MSL ADV TECH DEMOS	2	15,798	18,184	20,457	34,471	34,471	U
35 63508N	SHIP PROPULSION SYSTEM	2	5,514	4,534	3,272	4,085	4,085	U
36 63526N	ADV COMPUTER TECH	2	-----	9,767	20,754	20,754	20,754	U
37 63573N	ELECTRIC DRIVE	2	-----	-----	-----	-----	-----	U
38 63574N	JOINT ORDNANCE DEV	2	3,927	4,220	4,331	4,349	4,349	U
39 63609N	SURFACE LAUNCHED MUNITIONS	2	3,063	3,330	4,957	5,114	5,114	U
40 63654N	JT SERV EXPLOSIVE ORD DEV	2	2,876	3,050	2,604	3,567	3,567	U
41 63701N	HUMAN FACTORS ENG DEV	2	-----	-----	-----	-----	-----	U

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DEPARTMENT OF THE NAVY
FY 1983 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO	ITEM NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
			ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---
42	63704N	OCEANOGRAPHIC INSTRUMENTATION DEV	2	2,456	2,902	2,999
43	63706N	MEDICAL DEVELOPMENT	2	9,428	12,234	8,858
44	63707N	MNPWR CONTROL SYS DEV	2	3,129	2,773	3,511
45	63709N	ADVANCED MARINE BIOLOGICAL SYSTEM	2	3,415	3,789	3,980
46	63710N	MAN-MACHINE TECHNOLOGY	2			5,339
47	63712N	ADV MODUL COMPOS DEMONST	2	1,020		1,365
48	63713N	OCEAN ENGINEERING TECH DEVELOPMNTS	2	14,819	11,624	13,194
49	63720N	EDUCATION AND TRAINING	2	4,742	3,691	3,496
50	63721N	ENVIRONMENTAL PROTECTION	2	2,913	6,693	8,151
51	63722N	NAVAL SPECIAL WARFARE	2	4,969	5,037	6,037
52	63727N	NAV TECH INFO PRESENT SYS	2	1,812	1,316	1,453
53	63728N	MANUFACTURING TECH	2	4,754	3,657	3,339
54	63732M	MC ADV MANPOWER TRAINING SYS	2	1,292	1,489	1,509
55	63733N	TRAINING DEVICE TECH	2	5,975	7,950	7,399
56	63786N	ABN ELECTRO-MAG/OPT SYS	2		8,057	8,790
57	63796N	ABN ELEC-MAG/OPT SYS	2	4,273		
58	63797N	SURF ELECTRO-MAGNETIC OPTICAL SYS	2	3,687		
59	64574N	TAC EMBEDDED COMPUTER PROG	2			

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

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EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	THOUSANDS OF DOLLARS		
					FY 1983	FY 1984 C	E
60 64709N	PROTO MPWR/PERSONNEL SYS	2	149,898	152,186	165,122	242,849	U
ADVANCED TECHNOLOGY DEVELOPMENT							
61 63371N	TRIDENT I.I MISSILE SYS	3	96,683	239,232	366,701	1,413,550	U
62 63451N	SPACE TECHNOLOGY	3	2,346	7,966			U
63 63588N	SSBN SUB-SYSTEM TECHNOLOGY	3	13,808	4,508	4,898	12,325	U
64 63735N	WMMCCS ARCHITECTURE	3	596	862	903	956	U
65 65856N	STRATEGIC TECHNICAL SUPPORT	3	5,362	5,330	5,919	6,370	U
66 11221N	FLEET BALLISTIC MISSILE SYSTEM	3	137,485	66,326	32,947	43,613	U
67 11224N	SSBN SECURITY PROGRAM	3	42,312	36,729	36,691	59,766	U
68 11228N	TRIDENT I	3	76,295	101,950	90,565	137,081	U
69 11401N	EXTREMELY LOW FREQUENCY COMM	3	5,226	34,755	49,827	54,262	U
70 11402N	NAVY STRATEGIC COMM	3	19,746	24,344	69,314	99,542	U
71 11403N	HYDRUS	3	1,000	888			U
72 12427N	NAV SPASUR	3	539	550	501	521	U
73 33131N	MEECN	3	2,337	3,089	10,673	1,591	U
74 33151N	WMMCCS - ADP	3	1,044				U
STRATEGIC PROGRAMS							
75 63201N	AIRBORNE ASW DETECTION SYS	4	2,116				U
76 63206N	ABN ELECTRONIC WARFARE EQUIPMENT	4	9,958	9,687	10,490	7,353	U
77 63208N	VTX-TS	4	1,209	4,985	9,654	24,076	U
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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM
LINE ELEMENT
NO NUMBER

ITEM NOMENCLATURE

ACT

FY 1981

FY 1983

FY 1982

THOUSANDS OF DOLLARS

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1983 ---	FY 1982 ---	THOUSANDS OF DOLLARS
78 63209N	UNDERWATER WEAPONS ACCEPT TEST	4	3,577	4,781	1,493	3,326 U
79 63212N	TACAIR IR C/M	4	2,723	5,323	5,732	2,470 U
80 63213N	HELICOPTER IR C/M	4	2,499	6,284	7,258	6,118 U
81 63214N	TAC COMMD/CNTRL/COMM C/M	4	6,543	5,651	6,541	7,755 U
82 63219N	ADV A/C ARMAMENT SYS	4	10,000	36,284	11,406 U	43,185 U
83 63220N	TIILT FAN VSTOL	4	5,000	4,162	4,162	4,592 U
84 63221N	AV-8B	4	3,838	4,601	4,601	4,592 U
85 63228N	CV ASW MODULE	4	1,476	1,476	1,476	1,476 U
86 63230N	NATO CROSS CERTIFICATION	4	2,238	5,896	13,994	19,924 U
87 63254N	AIR ASW	4	4,304	6,700	6,700	16,800 U
88 63257N	V/STOL ACFT DEV	4	3,795	4,639	8,622	8,622 U
89 63259N	ACOUSTIC SEARCH SENSORS	4	12,338	20,635	21,566	24,904 U
90 63260N	AIRBORNE MINE COUNTERMEASURES	4	3,553	5,019	5,670	2,669 U
91 63261N	TACTICAL AIRBORNE RECONNAISSANCE	4	5,193	8,015	10,864	16,471 U
92 63262N	ACFT SURVIVABILITY/VULNERABILITY	4	2,084	2,267	2,267	2,267 U
93 63266N	AH-1T COMP ROTOR BLADE	4	2,500	2,488	6,694	6,669 U
94 63267N	COMBAT IDENTIFICATION SYS	4	4,473	9,508	4,992	2,075 U
95 63313N	11R MAVERICK	4	5,216	13,218	14,169	12,843 U
96 63318N	ARMY/NAVY SAM TECH	4	19,027	39,578	41,999	58,167 U
97 63358N	WEAPONIZING (PROT)	4				
98 63367N	COMMON ASW STDOFF WPN	4				

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PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 ---	----- THOUSANDS OF DOLLARS ----- S E C
98 63369N	TOMAHAWK 11	4	22,548	19,000	19,900	19,760	U
100 63370N	BVR AAM	4	22,509				U
101 63381N	GUIDED MUNITIONS LAUNCHER	4					U
102 63382N	BGAWC	4					U
103 63452N	VERY HIGH SPEED INTEG CIRCUITS	4					U
104 63501N	REACTOR PROPULSION PLANTS	4	7,687	6,062	5,783	5,621	U
105 63502N	SURFACE MCM	4	22,288	40,547	31,572	25,389	U
106 63503N	ACOUSTIC COMMUNICATIONS	4	3,546	2,661	2,741	5,599	U
107 63504N	SUBMARINE SONAR DEV	4	35,031	45,523	18,371	20,034	U
108 63506N	SURFACE SHIP TORP DEF	4					U
109 63509N	NEW SHIP DESIGN	4	16,994	7,900	4,911	2,447	5,281
110 63513N	SHIPBOARD SYS COMPONENT DEVELOPMENT	4	5,124	6,142	15,452	13,710	U
111 63514N	SHIPBOARD DAMAGE CONTROL	4	23,941	18,659	23,659	21,834	U
112 63515N	ADVANCED IDENTIFICATION TECHNIQUES	4	992	3,810	2,247	772	U
113 63516N	RADAR SURVEILLANCE EQ	4					794
114 63519N	ADVANCED COMMAND DATA SYSTEMS	4	362	2,359	4,412	5,026	U
115 63520N	ADVANCED COMMUNICATIONS	4					U
116 63521N	SURFACE ELEC WARFARE	4					U
117 63522N	ADV SUB SUPT EQUIP PROG	4					U
118 63523N	SMALL WATERPLANE AREA TWIN HULL SHIP DEVEL	4					U
119 63524N	SUBPCS	4	11,889	39,707			PAGE N-6

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EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM ELEMENT NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985
LINE NO		---	---	---	---	---	---
120	63525N PILOT FISH	4	34,817	57,388	93,823	99,766	U
121	63528N NON-ACOUSTIC ASW	4	12,984	11,164	11,533	15,053	U
122	63529N ADV ASW TARGET	4	759	832	3,919	10,684	U
123	63530N OVER-THE-HORIZON TARGETING	4	8,790	16,353		U	
124	63531N HY 130 STEEL (NEW SSN MATERIAL)	4	1,533	955		U	
125	63532N SHIPS SYSTEMS ENGINEERING STANDARDS	4	5,933	9,980	1,749	1,672	U
126	63534N SURFACE EFFECT SHIPS	4				U	
127	63535N SEA BASS	4	23,300			U	
128	63536N STANDOFF JAMMER SUPPRESSION	4				U	
129	63537N RETRACT SILVER	4		63,446	94,365	105,644	U
130	63539N RETRACT AMBER	4	8,468	17,945	13,017	4,158	U
131	63540N DIESEL ELEC SUB	4	497	2,500		U	
132	63553N SURFACE ASW	4	6,030	5,883	4,408	4,715	U
133	63561N SUBMARINES	4	34,079	53,563	44,413	54,342	U
134	63562N SUB TACTICAL WARFARE SYS	4	91,943	98,415	7,032	17,033	U
135	63564N SHIP CONFORM	4	28,632	9,994	18,810	26,857	U
136	63566N AMPHIB ASSAULT CRAFT	4	14,362	9,240	10,437	8,139	U
137	63568N COMBAT SYSTEMS ARCH	4	2,968	3,962	2,786	3,129	U
138	63569N ATTACK SUBMARINE DEV	4	28,908	4,968	10,959	20,974	U
139	63570N ADV REACTOR COMPONENTS/SYS DEV	4	5,226	9,090	11,536	15,166	U
140	63571N SHIPBOARD PHYSICAL SECURITY	4	4,016	4,594	6,560	6,091	U

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DATE: 08 FEB 1982

THOUSANDS OF DOLLARS

PROGRAM	LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	C
			4	11,860				U
141	63575N	SPECIAL TEST SYSTEMS	4			6,401	13,896	U
142	63576N	CHALK EAGLE	4		10,624	11,849	12,238	U
143	63578N	A4W/A1G NUCLEAR PROP PLANT	4		11,025	10,449	9,337	U
144	63579N	D2W NUCLEAR PROP REACTOR	4		2,500			U
145	63580N	ADV DESIGN SUB NUCLEAR PROP	4		988	7,340	17,138	U
146	63582N	COMBAT SYSTEM INTEGRATION	4		75,300	100,844	138,595	U
147	63589N	DDGX	4			23,614	117,614	U
148	63590N	WIDE APERTURE ARRAY ADV	4			5,555	14,707	U
149	63601N	MINE DEVELOPMENT	4		21,098	13,934	6,119	U
150	63610N	ALWT ADV	4		98,929	105,414	56,784	U
151	63611M	MC ASSAULT VEHICLES	4		38,591	56,299	73,414	U
152	63634N	TAC NUCLEAR WEAPON DEV	4		792	723	3,464	U
153	63635M	MC GRD COMBAT/SPT ARMS SYS	4		2,401	3,336	7,812	U
154	63691N	MK-48 ADCAP (ADV)	4				20,483	U
155	63702N	OCEAN ENGINEERING SYS DEVELOPMENT	4	3,327		3,099	2,320	U
156	63705N	LOGISTICS	4		6,788	12,215	3,339	U
157	63708N	ANTI-SUB WARFARE SIGNAL PROCESSING	4		10,138	7,626	5,202	U
158	63711N	FLEET TAC D/E PROGRAM	4		3,661	3,896	4,551	U
159	63717N	COMMAND AND CONTROL SYSTEMS	4		10,452	8,780	24,106	U
160	63719N	CONTAINER OFFLOAD/TRANSFER SYS	4		1,336	8,045	6,067	U
161	63724N	NAVY ENERGY PROGRAM	4		16,743	17,478	21,504	U

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PROGRAM
LINE ELEMENT
NO
ITEM NOMENCLATURE

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT --	FY 1981 --	FY 1982 --	FY 1983 --	THOUSANDS OF DOLLARS S	FY 1984 C E
162	63725N FACILITIES IMPROVEMENT	4	3,230	3,194	5,919	9,064 U	
163	63726N MERCHANT SHIP NAVAL AUG PROG (MSNAP)	4			5,773	5,690 U	
164	63729M MC COMBAT SERVICE SPT	4	1,003	3,122	4,410	5,931 U	
165	63730M MC INTEL/ELEC WARFARE SYS	4	8	2,209	7,024	6,242 U	
166	63731M MC COMMD/CNTRL/COMM SYS	4	283	1,490	2,753	494 U	
167	63734N DEFENSE SUPPRESSION	4	291			U	
168	63736N STRIKE WARFARE TECHNOLOGY	4	1,350			U	
169	63737N LINK HAZEL	4		42,760		9,870 U	
170	63763N ITSS	4	14,000	11,965	17,834	107,293 U	
171	63784N ASW SURVEILLANCE (C)	4		1,235	1,284	4,280 U	
172	63785N LRAP	4		10,814	12,578	16,898 U	
173	63787N SPECIAL PROCESSES	4		46,337	72,523	68,923 U	
174	63788N RDSS	4	13,348	6,763	19,312	21,646 U	
175	63794N ASW SURVEILLANCE	4		3,149		U	
176	63795N LRAP	4		10,340		U	
177	63798N SPECIAL PROCESSES	4		26,041		U	
178	64203N AVIONICS DEVELOPMENT/VAST	4		8,881	12,501	8,960	3,022 U
179	64211N AIMS/ATCRBS/MARK XII	4		3,152	4,363	6,228	8,650 U
180	64212N LAMP III	4		100,842	72,588	8,977	U
181	64213N HELICOPTER DEVELOPMENT	4		4,932	10,057	26,560	11,568 U
182	64214N AV-8B AIRCRAFT	4		236,371	226,413	114,071	67,133 U

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DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT		FY 1981		FY 1982		FY 1983		FY 1984	
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
183	64215N SUPPORT EQUIPMENT	4	6,903	6,947	8,700	8,700	8,700	8,837	8,837	8,837	8,837
184	64216N RECONNAISSANCE SYS	4	14,738	41,702	78,344	78,344	78,344	55,733	55,733	55,733	55,733
185	64217N S-3 WEAPONS SYS IMPROVEMENT	4	533	481	356	356	356	595	595	595	595
186	64218N ENVIRONMENTAL SYSTEMS	4	12,919	21,599	25,539	25,539	25,539	32,148	32,148	32,148	32,148
187	64219N AIRBORNE ASW DEV	4	1,322	1,400	1,495	1,495	1,495	1,598	1,598	1,598	1,598
188	64220N ACFT IR SIGNATURE SUPPRESSION	4	29,649	18,636	21,598	21,598	21,598	24,357	24,357	24,357	24,357
189	64221N P-3 MODERNIZATION PROG	4	1,308	2,647	383	383	383	15,068	15,068	15,068	15,068
190	64224N ADAPTIVE ECM	4	28,137	23,665	29,331	29,331	29,331	1,921	1,921	1,921	1,921
191	64225N ADV RADAR WARNING SYS	4	4	4	4	4	4	43,354	43,354	43,354	43,354
192	64226N ASPJ	4	4	4	4	4	4	9,868	9,868	9,868	9,868
193	64227N HARPOON MODIFICATION	4	4	4	4	4	4	16,931	16,931	16,931	16,931
194	64228N SH-60 CV VARIANT	4	4	4	4	4	4	7,904	7,904	7,904	7,904
195	64254N CH-46E RANGE EXT TANKS	4	4	4	4	4	4	11,121	11,121	11,121	11,121
196	64265N AIR ELECTRONIC WARFARE	4	4	4	4	4	4	14,600	14,600	14,600	14,600
197	64260N CH-53E	4	4	4	4	4	4	9,522	9,522	9,522	9,522
198	64261N ACOUSTIC SEARCH SENSORS	4	4	4	4	4	4	109,224	109,224	109,224	109,224
199	64282N HXM	4	4	4	4	4	4	6,902	6,902	6,902	6,902
200	64283N F/A-18	4	4	4	4	4	4	7,284	7,284	7,284	7,284
201	64264N LIFE SUPPORT EQUIP	4	4	4	4	4	4	3,525	3,525	3,525	3,525
202	64266N ADV SIGNAL PROCESSOR	4	4	4	4	4	4	6,978	6,978	6,978	6,978
203	64267N AWG-9 UPDATE	4	4	4	4	4	4	3,079	3,079	3,079	3,079

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PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ----	FY 1981 ----	FY 1982 ----	FY 1983 ----	FY 1984 E S
204	64268N ACFT ENGINE COMPONENT IMPROVE PROG	4	71,202	82,338	89,486	96,620 U
205	64301N MK-92 FCS UPGRADE	4		17,701	9,628	14,445 U
206	64303N AEGIS	4	16,807	34,196	8,158	8,376 U
207	64304N CSEDS	4	26,262	16,056	12,232	5,558 U
208	64306N PENGUIN COMBAT DEV	4	5,892	3,658	1,623	477 U
209	64307N CG-47 AEGIS PRODUCT IMPROV	4			45,147	61,056 U
210	64314N AMRAAM	4		4,994	4,714	6,916 U
211	64352N SURFACE LAUNCHED WEAPONRY SYS TECH	4	38,352	42,505	3,413	3,372 U
212	64353N VERTICAL LAUNCHING SYSTEM	4	67,672	70,424	33,878	26,832 U
213	64354N AIR/AIR MSL SYS ENGR	4	37,062	35,350	23,844	U
214	64358N CLOSE-IN WPN SYS (PHALANX)	4	2,105	1,371	1,387	1,329 U
215	64360N HI-SPEED ANTI-RADIATION MSL	4	72,641	20,898	1,932	1,976 U
216	64361N NATO SEA SPARROW	4	3,507	3,467	1,067	U
217	64365N SM-2	4	4,000	13,193	18,810	18,763 U
218	64366N STANDARD MISSILE IMPROVEMENTS	4	64,618	50,592	50,789	62,391 U
219	64367N TOMAHAWK CRUISE MSL	4	133,922	141,735	78,934	26,362 U
220	64369N 5\ ROLLING AIR FRAME MSL	4	14,040	19,488	16,290	3,326 U
221	64370N SSN-688 VLS	4	8,916	37,486	35,362	26,830 U
222	64371N HELLCAT	4			9,815	2,879 U
223	64372N NEW THREAT UPGRADE	4			41,881	41,598 U
224	64373N TARTER SM-2	4				U

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DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			C S	
		ACT ---	FY 1981	FY 1982	FY 1983	
225	64375N SPY-1B RADAR	4	4	4	5,584	8,314 U
226	64377N SM-3	4	8,353	7,187	5,584	36,583 U
227	64502N SUBMARINE COMMUNICATIONS	4	32,026	40,403	41,770	24,163 U
228	64503N SUBMARINE SONAR DEV	4	8,066	9,591	9,251	5,820
229	64504N AIR CONTROL	4	3,710	7,740	8,357	8,398 U
230	64505N SSN INTEGRATED COMM CENTER SYS	4	11,036	15,409	10,488	15,257 U
231	64506N CW COUNTERMEASURES	4	5,456	3,178	4,693	5,208 U
232	64507N EMSP	4	2,262	2,708	2,478	2,041
233	64508N RADAR SURVEILLANCE EQ	4	4	4	4	1,950
234	64510N COMMUNICATIONS SYSTEMS	4	4	4	4	32,598
235	64511N INTELLIGENCE SYSTEMS	4	4	4	4	34,720 U
236	64515N SUB SUPT EQUIP PROG ENG	4	4	4	4	2,650 U
237	64516N SHIP SURVIVABILITY PROTOTYPES	4	4	4	4	4,775
238	64518N CIC CONVERSION	4	5,937	9,420	27,014	23,148 U
239	64519N COMBAT SYS INTERFACE	4	4	4	4	137,515 U
240	64524N SUBACS ENG	4	4	4	4	15,000
241	64526N LHDX	4	4	4	4	11,245 U
242	64554N SURFACE ELEC WARFARE	4	4	4	4	2,229 U
243	64561N SUBMARINES	4	4	4	4	32,598
244	64562N SUB TACTICAL WARFARE SYS	4	4	4	4	2,650 U
245	64566N ACOUSTIC COMMUNICATIONS	4	4	4	4	4,696

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PROGRAM
LINE ELEMENT
NO NUMBER
ITEM NOMENCLATURE

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
246 64567N	SHIP SUBSYS DEV/LBTS	4	45,717	66,394	24,430
247 64569N	NATO SEA GNAT	4	2,078	7,007	6,589
248 64573N	SHIPBOARD ELECTRONIC WARFARE IMPROV	4	7,543	15,917	14,974
249 64574N	TAC EMBEDDED COMPUTER PROG	4	17,313	21,979	21,704
250 64575N	AN/SQS-53C	4			35,980
251 64576N	INFLUENCE MCM	4			22,387
252 64601N	MINE DEVELOPMENT	4	7,415	6,916	5,820
253 64602N	GUN AMMUNITION IMPROVEMENT	4	11,545	2,841	755
254 64603N	UNGUIDED CONVL AIR LAUNCHED WEAPONS	4	15,116	22,249	7,978
255 64604N	CHEMICAL WARFARE WEAPONS	4		7,497	8,066
256 64607N	ELECTRO OPTICS SENSOR DEV	4	17,035	6,891	10,422
257 64608N	A/N SAL GP(ENG)	4	22,753	3,116	995
258 64609N	COMMON BOMB FUZE	4	1,600	1,597	1,306
259 64610N	ALWT (ENG)	4			58,365
260 64652N	GUN FCS IMP PROG	4	27,956	10,393	10,969
261 64654N	JT SERV EXPLOSIVE ORD DEV	4	2,248	2,477	2,926
262 64656M	MC ASSAULT VEHICLES	4			15,810
263 64657M	MC GRD COMBAT/SPT. ARMS SYS	4	18,236	23,377	10,724
264 64658N	MK-86 GFCS	4			166,271
265 64675N	MK-48 ADCAP (ENG)	4			111,483
266 64701N	PROTO CARRIER OPER TEST/EVAL SITE	4			U

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PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
267	64710N NAVY ENERGY PROGRAM	4	11,975	15,984	18,704
268	64711N COMMAND AND CONTROL SYSTEMS	4	9,476	10,629	15,506
269	64713N TACTAS AN-SQR 19	4	24,624	15,862	9,862
270	64714N AIR WARFARE TNG DEV	4	13,681	27,889	20,089
271	64715N SURFACE WARFARE TNG DEV	4	34,428	41,746	32,838
272	64716N SUBMARINE WARFARE TNG DEV	4	2,908	4,553	3,226
273	64717M MC COMBAT SERVICE SPT	4	2,010	3,728	3,008
274	64718M MC INTEL/ELEC WARFARE SYS	4	2,615	1,985	2,736
275	64719M MC COMMD/CNTRL/COMM SYS	4	62,291	46,573	27,888
276	64720M TACAIR OPER CENTRAL 85	4			12,736
277	64745N NAV INTEG/BTFLD EXPLOIT TGT ACQ	4	2		
278	64761N INTELLIGENCE	4	5,189	6,069	13,092
279	64771N MEDICAL DEVELOPMENTS	4	1,329	2,047	2,314
280	64779N JINTACCS	4	8,245	5,505	6,395
281	64780M JINTACCS MC	4	1,030	1,249	1,699
282	64789N SURV TOWED ARRAY SENSOR	4	6,769		
283	65155N FLEET TACTICAL DEV/EVAL	4	17,070	17,257	18,316
284	65803N ELECTROMAGNETIC SPECTRUM MGT	4			
285	65853N MANAGEMENT AND TECHNICAL SUPPORT	4	12,335	12,546	11,685
286	65858N TACTICAL ELECTRO SUPPORT	4	4,309	4,210	4,005
287	65867N C2 SURVEILLANCE/RECON SPT	4	3,597	1,694	2,820

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DEPARTMENT OF THE NAVY
FY 1983 RDT&E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	S		
			FY 1981	FY 1982	FY 1983
288	65871M TAC EXPLOITATION OF NATL CAPABILITY	4	248	360	374 U
289	24134N A-6 SQUADRONS	4	7,624	9,978	4,725 3,014 U
290	24136N F/A-18 ATTACK SQUADS	4	18,756	18,925	52,291 19,369 U
291	24152N EARLY WARNING ACFT SQUADRONS	4	2,384	7,957	7,968 47,008 U
292	24161N AVIATION SPT CVW	4	15,381	34,282	21,140 1,911 U
293	24163N FLEET TELECOMMUNICATIONS (TAC)	4	292	6,464	6,464 33,956 U
294	24226N PATROL COMBATANTS-HICANS	4	5,710	2,930	1,481 U
295	24281N SUBMARINES	4	6,393	48,598	49,649 68,904 U
296	24304N MINES/MINE SUPPORT	4	51,244	48,598	6,364 7,070 U
297	24311N UNDERSEA SURVEILLANCE SYS	4	4	6,720	11,850 U
298	24313N SURTASS	4	4	13,305	14,312 12,794 U
299	24571N SPECIAL PROJECTS	4	7,798	16,509	8,014 10,581 U
300	24573N COVER AND DECEPTION PROGRAM	4	5,431	48,079	11,533 17,900 U
301	24575N ELECTRONIC WARFARE SPT PROJECTS	4	4	100,330	87,399 U
302	24576N C3 COUNTER-MEAS DEVEL	4	31,251	20,866	16,135 14,589 U
303	25604N JTIDS	4	14,184	13,973	8,003 9,942 U
304	25620N ASW COMBAT SYSTEMS INTEGRATION	4	5,380	6,611	4,939 4,645 U
305	25623N SURF SHIP SONAR MODERNIZATION	4	6,462	8,231	7,067 8,453 U
306	25624N AN/SQR-18 IMPROVEMENT	4	18,190	15,363	9,283 10,706 U
308	25634N SUBMARINE SILENCING	4			

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
309 25645N	MODULAR GUIDED GLIDE WPN IMP	4	799	2,117	5,260
310 25658N	LAB FLEET SUPPORT	4	2,273	4,283	4,669
311 25662N	ACFT PROPULSION EVAL GENERAL	4	2,693	2,000	2,835
312 25663N	ACFT FLIGHT TEST GENERAL	4	1,830	897	953
313 25667N	F-14A	4	11,723	16,965	14,724
314 25670N	TACTICAL INTELL PROCESSING	4	1,317	2,721	1,942
315 25674N	EW COUNTER RESPONSE	4	9,050	10,586	12,653
316 25675N	OPERATIONAL REACTOR DEV	4		2,344	2,855
317 26313M	MARINE CORPS TELECOMMUNICATIONS	4	2,247	1,713	2,266
318 26623M	MC GRD COMBAT/SPT ARMS SYS	4	1,583	1,635	3,093
319 26624M	MC COMBAT SERVICE SPT	4	407	368	376
320 26625M	MC INTEL/ELEC WARFARE SYS	4	471		779
321 26626M	MC COMMD/CNTRL/COMM SYS	4	8,091	12,194	18,447
322 26627M	MC TAC SUPT C/C SYS	4			2,798
323 28008N	AMRAAM CUE	4			
324 28009N	TOMAHAWK CRUISE MISSILE	4			18,010
325 28010M	TRI-TAC MC	4	9,193	16,343	15,543
326 28010N	TRI-TAC NAVY	4	13,533	9,208	9,374
327 33109N	SATELLITE COMMUNICATIONS	4			
328 33151N	WMMCCS - ADP	4			

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DEPARTMENT OF THE NAVY
FY 1983 RDT & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981	FY 1982	FY 1983	FY 1984	FY 1985	THOUSANDS OF DOLLARS
329 35128N	SECURITY/INVESTIGATIVE ACTYS	4						U
330 99403N	CONSULTANTS STUDIES AND ANALYSES	4						U
	TACTICAL PROGRAMS							
331 63401N	NAVIGATION SATELLITE GPS	5	4,866					U
332 63511N	AIR CONTROL	5				1,167		U
333 63518N	ADVANCED NAVIGATION DEVELOPMENT	5	1,608	2,142	476	476		U
334 63735N	WMCCS ARCHITECTURE	5						
335 64514N	NAVIGATION SYSTEMS	5	5,210	5,649	3,820	1,487		U
336 64577N	EHF SATCOM	5			43,826	61,149		U
337 64777N	NAVSTAR	5			34,000	39,822	97,440	U
338 64778N	NAVSTAR GPS EQUIP	5	17,136					U
339 65803N	ELECTROMAGNETIC SPECTRUM MGT	5	5,700	5,496	4,589	7,532		U
340 65866N	C2 SYS PLANNING/ENGINEERING SPT	5	3,271	4,215	5,060	6,836		U
341 24226N	PATROL COMBATANTS	5						
342 31303N	FIELD OPERATIONAL INTELLIGENCE OFFICE	5	511					U
343 31309N	INTELLIGENCE SUPPORT CENTER	5	322	237				U
344 31325N	RAIRIE WAGON	5	3,906					U
345 31326N	RAIRIE SCHOONER	5	6,276	5,221	5,072	17,339		U
346 31327N	TECHNICAL RECONNAISSANCE & SURVEILLANCE	5	3,944	5,384	4,073	11,005		U
347 31335N	ADP GDIP SUPPORT	5				606		U

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 13119 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	THOUSANDS OF DOLLARS		
					FY 1983	FY 1984	C E S
348	31355N INTEGRATED AUTOMATED INTELLIGENCE PROCESSING	5	491				U
349	33109N SATELLITE COMMUNICATIONS	5	5,357	36,580	1,632	905	U
350	33126N LONG HAUL COMMUNICATIONS (DCS)	5	2,423	1,188	1,965	825	U
351	33401N COMSEC	5					
352	34111N SPECIAL ACTIVITIES	5	82,606	101,690	120,380	180,176	U
	INTELLIGENCE AND COMMUNICATIONS		152,868	215,274	247,806	400,138	
353	63799N R+D FUTURE OPTIONS	6					U
354	64208N RANGE INSTRUMENTATION SYS DEV	6	13,276	10,317	12,392	17,235	U
355	64218N ENVIRONMENTAL SYSTEMS	6					U
356	64258N TARGET SYSTEMS DEV	6	43,045	58,803	43,901	48,112	U
357	64703N TRAINING DEVICES PROTOTYPE DEV	6	13,899	10,361	6,575	3,743	U
358	64709N PROTO MPWR/PERSONNEL SYS	6	979	4,997	2,152	3,983	U
359	65151M STUDIES AND ANALYSIS SUPPORT (MC)	6	2,309	2,776	2,148	2,619	U
360	65152N STUDIES AND ANALYSIS SUPPORT (NAVY)	6	6,422	7,791	7,889	8,291	U
361	65153M MCAG	6	2,020	2,481	2,754	2,877	U
362	65154N CENTER FOR NAVAL ANALYSIS (NAVY)	6	10,393	11,351	12,445	13,381	U
363	65155N FLEET TACTICAL DEV/EVAL	6					U
364	65156M MAR CORPS OPERATIONAL TEST/EVAL	6	1,184	1,205	3,350	1,874	U
365	65804N TECHNICAL INFORMATION SERVICES	6	1,188	1,456	1,665	1,735	U
366	65852N AUTEC	6	28,553	36,150	45,658	50,334	U
367	65854M DEVELOPMENT CENTER SUPPORT	6	3,510	5,422	3,598	3,804	U

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DEPARTMENT OF THE NAVY
FY 1983 RDT & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	THOUSANDS OF DOLLARS -----S -----E -----C
368	65855N NARL PT BARROW	6	3,885			U
369	65857N INTERNATIONAL RDT/E	6	966	1,679	1,935	2,264 U
370	65859N MOBILE SEA RANGE	6	5,171	7,024	3,229	5,046 U
371	65861N RDTE LAB/FAC MGT SPT	6	48,844	52,159	59,101	66,237 U
372	65862N RDTE INSTRUMENTATION/MATERIAL SPT	6	38,305	43,511	31,707	30,710 U
373	65863N RDTE SHIP/AIRCRAFT SPT	6	52,425	60,773	69,847	79,535 U
374	65864N TEST/EVALUATION SPT	6	215,579	240,320	274,106	301,613 U
375	65865N OPERATION-TEST/EVAL CAPABILITY	6	5,231	5,770	6,772	6,556 U
376	65869N RDT&E OSHA SUPPORT	6				U
377	65870N STRATEGIC SYSTEMS TEST SUPPORT	6	4,647	19,046	17,658	8,616 U
378	65871M TAC EXPLOITATION OF NATL CAPABILITY	6				U
379	65872N PRODUCTIVITY INVESTMENT	6				2,322 U
380	65873N LONG RANGE PLANNING SUPPORT	6				1,311 U
381	25633N AIRCRAFT EQ R/M IMPROVEMENT PROG	6				U
382	25658N LAB FLEET SUPPORT	6				U
383	25662N ACFT PROPULSION EVAL GENERAL	6				U
384	25663N ACFT FLIGHT TEST GENERAL	6				U
385	35111N WEATHER SERVICE	6	2,998	2,867	1,186	1,091 U
386	35128N SECURITY/INVESTIGATIVE ACTYS	6			689	729 U

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DEPARTMENT OF THE NAVY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 1319 N RESEARCH DEVELOPMENT TEST + EVAL, NAVY

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	THOUSANDS OF DOLLARS			
		ACT	FY 1981	FY 1982	FY 1983
387	35160N DEF METEOROLOGICAL SATELLITE PROG	6	1,901	1,350	1,316
388	88751N CIVILIAN EDUCATION/TRAINING/DEV	6	615	1,000	1,157
	DEFENSEWIDE MISSION SUPPORT	507,345	596,999	618,921	666,461
	TOTAL RESEARCH DEVELOPMENT TEST + EVAL, NAVY	5,024,866	5,807,131	6,232,300	7,746,511

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AIR FORCE

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DEPARTMENT OF THE AIR FORCE
FY 1983 RDT & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
1 61101F	IN-HOUSE LAB INDEPENDENT RESEARCH	1	10,177	11,258	13,124
2 61102F	DEFENSE RESEARCH SCIENCES	1	116,435	135,999	165,858
3 62101F	GEOPHYSICS	1	31,259	33,485	37,780
4 62102F	MATERIALS	1	38,285	42,156	46,174
5 62201F	AEROSPACE FLIGHT DYNAMICS	1	55,686	55,155	61,219
6 62202F	AEROSPACE BIOTECHNOLOGY	1	34,740	35,959	41,718
7 62203F	AEROSPACE PROPULSION	1	51,173	53,918	58,645
8 62204F	AEROSPACE AVIONICS/VHSI CIRCUITS	1	57,730	61,523	67,652
9 62205F	TRAINING/SIMULATION TECH	1	12,942	13,964	18,545
10 62302F	ROCKET PROPULSION	1	30,791	34,105	37,072
11 62601F	ADVANCED WEAPONS	1	35,193	39,208	44,471
12 62602F	CONVENTIONAL MUNITIONS	1	30,740	32,724	37,416
13 62702F	COMMAND/CONTROL/COMMUNICATION	1	61,996	65,887	69,840
14 62703F	PERS UTILIZATION TECH	1	5,299	5,391	7,194
15 62704F	VERY HIGH SPEED INTEGRATED CIRCUITS TECHNOLOGY BASE	1	41,541 613,987	620,732	706,708 747,209
16 63103F	ADVANCED AIRBORNE RADAR DEVELOPMENT	2			3,475
17 63202F	ACFT PROPULSION SUBSYS INTEGRATION	2	18,416	23,013	21,468
18 63203F	ADV AVIONICS FOR ACFT	2	10,809	14,944	18,201
19 63205F	FLT VEHICLE TECHNOLOGY	2	7,874	6,675	7,301
20 63208F	RECON SENSORS/PROCESSING TECHNOLOGY	2	5,866	4,085	6,383

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO	ITEM NOmenCLATURE	ACT	\$		
			FY 1981	FY 1982	FY 1983
21	63211F AEROSPACE STRUCTURES/MATERIALS	2	15,535	19,427	23,545
22	63215F AVIATION TURBINE FUEL TECHNOLOGY	2	8,437	6,486	8,699
23	63216F ADV TURBINE ENGINE GAS GENERATOR	2	30,940	33,278	30,979
24	63226F DDD COMMON PROG LANGUAGE(ADA) ADV DEV	2		6,974	6,930
25	63227F ADVANCED SIMULATOR TECHNOLOGY	2	3,163	2,192	10,739
26	63231F CREW SYSTEMS TECHNOLOGY	2			4,055
27	63245F ADV FIGHTER TECH INTEGRATION	2	10,353	11,855	10,967
28	63246F AIRCRAFT SUBSYSTEMS TECH	2	5,235		
29	63247F MODULAR AUTOMATIC TEST EQ	2	12,650		
30	63250F LINCOLN LABORATORY	2	22,452	22,117	23,079
31	63253F ADVANCED SYSTEM INTEGRATION DEMO	2		6,774	16,421
32	63259F CARTOG APPLICATIONS-TAC & STRAT SYS	2			890
33	63302F ADV MSLE PROPULSION	2	8,477	7,174	894
34	63363F HYPERVELOCITY MISSILE	2		8,070	992
35	63410F SPACE SYS ENVIRON INTERACTIONS TECH	2			1,583
36	63452F VERY HIGH SPEED INTEGRATED CIRCUITS	2		65,547	66,004
37	63601F CONVENTIONAL WEAPONS	2	21,152	22,220	20,017
38	63603F SPACE LASER PROGRAM	2			40,561
39	63605F ADVANCED RADIATION TECH	2	58,237	75,516	95,120
40	63706F HEARTLINE DEMONSTRATION PROG	2	2,058		
41	63723F CIVIL/ENVIRONMENTAL ENGR TECH	2	3,839	3,885	4,502

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 06 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	THOUSANDS OF DOLLARS		
			FY 1981 ---	FY 1982 ---	FY 1983 ---
42 63728F	ADVANCED COMPUTER TECHNOLOGY	2	4,438	4,782	4,957
43 63739F	ADV DRONE/REMOTELY PILOTED VEH DEV	2	4,722	2,789	
44 63743F	ELECTRO-OPTICAL WARFARE	2	10,657	10,261	15,927
45 63750F	COUNTER/COUNTERMEASURES -ADV DEV	2	5,948	1,893	7,041
46 63751F	INNOVATIONS IN EDUCATION/TRAINING	2	1,676	2,491	3,073
47 63789F	COMD/CNTRL/COMM ADV DEV	2	11,100	10,162	18,295
	ADVANCED TECHNOLOGY DEVELOPMENT		284,034	372,610	472,098
48 63258F	COMMON STRATEGIC ROTARY LAUNCHER (T+	3		22,400	64,078
49 63311F	ADVANCED STRATEGIC MISSILE SYSTEMS	3	96,531	99,624	49,737
50 63312F	ADVANCED CONCEPTS	3			60,000
51 63318F	COUNTER SUAWACS TECHNOLOGY PROG	3	7,451		
52 63319F	ADVANCED TECHNOLOGY CRUISE MISSILE	3	15,468	34,887	26,782
53 63424F	MSL SURVEILLANCE TECH	3	10,058	13,848	9,745
54 63425F	ADVANCED WARNING SYSTEMS	3		9,962	20,808
55 63426F	POST-ATTACK RECONNAISSANCE	3			9,919
56 63428F	SPACE SURVEILLANCE TECHNOLOGY	3	25,585	23,711	40,285
57 63429F	WARNING INFORMATION CORRELATION	3			
58 63438F	SATELLITE SYS SURVIVABILITY	3	24,048		
59 63439F	ADV SPACE APPLICATIONS PROGRAM	3	2,647		
60 63703F	CONUS OVER-THE-HORIZON RADAR	3	15,920	4,284	

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DEPARTMENT OF THE AIR FORCE
FY 1983 RDT & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981	FY 1982	FY 1983	FY 1984	C E S
61 63735F	WWMCCS ARCHITECTURE	3	260,124	471,000	753,500	14,413	U
62 64226F	B-1B	3			560	1,557	U
63 64233F	TANKER TRANSPORT BOMBER TRNG SYS	3					
64 64312F	M-X	3	1,491,626	1,963,157	2,759,332	2,651,476	U
65 64361F	AIR LAUNCHED CRUISE MISSILE	3	108,925	103,741	186,838	63,030	U
66 64406F	SPACE DEFENSE SYS	3	133,873	200,900	211,764	179,038	U
67 64711F	SYSTEMS SURVIVABILITY (NUC AFFECTS)	3	12,149	12,055	13,948	17,361	U
68 64758F	COMPANION TRAINER AIRCRAFT DEV	3		4,473			U
69 11113F	B-52 SQUADRONS	3	121,659	95,639	121,767	82,105	U
70 11118F	SHORT RANGE ATTACK (AGM-69)	3				4,890	U
71 11142F	KC-135 SQUADRONS	3	20,145	31,780	28,950	11,792	U
72 11212F	TITAN SQUADRONS	3		884			
73 11213F	MINUTEMAN SQUADRONS	3	53,121	19,626	12,857	5,173	U
74 11312F	POST ATTACK COMD/CNTRL SYS	3	9,797	9,365	24,034	34,366	U
75 11316F	SAC COMMUNICATIONS	3	24,937	29,489	28,096	188	U
76 12310F	WWMCCS ADP-NORAD/ADCOM	3		2,391	6,232	9,956	U
77 12311F	NORAD CQC	3	15,954	23,511	25,378	35,097	U
78 12313F	BALLISTIC MSL TAC WNG/ATK ASSES SYS	3			1,283	1,658	U
79 12325F	JOINT SURVEILLANCE SYSTEM	3	9,661	1,295	1,187	1	U
80 12411F	SURVEILL RADAR STATIONS/SITES	3	8,289	4,284	1,147	1,123	U
81 12412F	DEW RADAR STATIONS	3			7,995	38,468	U

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DEPARTMENT OF THE AIR FORCE
FY 1983 RDT&E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981	FY 1982	S		
					THOUSANDS OF DOLLARS	FY 1983	FY 1984
82 12417F	CONUS OVER-THE-HORIZON RADAR	3		17,235	79,175	103,991	U
83 12423F	BALLISTIC MSL EARLY WNG SYSTEM	3	8,630	12,752	10,262	9,676	U
84 12424F	SPACETRACK	3	6,658	7,970	5,542	5,146	U
85 12431F	DEFENSE SUPPORT PROGRAM	3	87,570	145,750	120,447	50,275	U
86 12432F	SLBM RADAR WARNING SYSTEMS	3		3,786	2,570	4,295	U
87 12433F	INTEG OPERATIONAL NUDETS DETECT SYS	3	4,000	6,974	19,885	9,470	U
88 12450F	SPACE DEFENSE OPS	3	14,433	1,096	6,470	2,902	U
89 33131F	MINIMUM ESSENTIAL EMER COMM NETWORK	3	14,780	45,429	49,606	39,993	U
90 33152F	WMMCCS INFORMATION SYSTEM	3			8,366	7,287	U
91 33601F	AIR FORCE SAT COMM SYS	3	25,901	80,114	50,901	29,945	U
92 33603F	MIL STRATEGIC TACTICAL + RELAY SYS	3			79,784	256,990	U
93 35158F	SATELLITE DATA SYSTEM	3	43,104	28,393	7,886	2,614	U
94 35892F	SPECIAL ANALYSIS ACTYS	3					
	STRATEGIC PROGRAMS	2,730,762	3,570,448	4,973,010	4,993,335		
95 63228F	NEXT GENERATION TRAINER ACFT	4		14,645	52,365	97,860	U
96 63230F	ADVANCED TACTICAL FIGHTER	4			27,338	49,577	U
97 63234F	ENFORCER	4	7,787	6,000			U
98 63239F	ADV TACTICAL AIR RECONNAISSANCE SYS	4			4,006	5,710	U
99 63244F	ACFT NON-NUCLEAR SURVIVABILITY	4	1,683	1,594	2,011	2,067	U
100 63249F	NIGHT ATTACK PROGRAM	4	57,209	3,088	4,491	3,912	U
101 63257F	ADVANCED CIVIL-MILITARY ACFT	4				972	U

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 06 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	-----S E C
102	63313F ADV MSL SUBSYSTEMS DEMONSTRATION	4	3,293	5,878	5,878	5,878	U
103	63370F ADV MED RANGE A-A MSL	4	22,884	1,296	1,296	1,296	U
104	63609F ADV ATTACK WEAPONS	4	34,000	55,192	17,999	17,999	U
105	63616F ADVANCED ASSAULT BREAKER DEV	4	5,463				U
106	63714F DOD PHYSICAL SECURITY EQ-EXTERIOR	4	7,308	996	3,911	3,838	U
107	63718F ELECTRONIC WARFARE TECHNOLOGY	4	14,078	11,756	18,724	21,087	U
108	63726F FIBER OPTICS DEVELOPMENT	4			2,864	1,660	U
109	63727F ADVANCED COMMUNICATIONS TECHNOLOGY	4	2,087	5,280	6,106	5,243	U
110	63742F COMBAT IDENTIFICATION TECHNOLOGY	4	2,750	14,744	17,486	19,664	U
111	63745F CHEMICAL WARFARE DEFENSE	4		3,985	4,877	4,687	U
112	63746F SIDE LOOKING AIRBORNE RADAR	4	22,331				U
113	63747F PAVE MOVER	4	15,060	5,180	2,003	4,202	U
114	63801F SPECIAL PROGRAMS	4					
115	64201F ACFT AVIONICS EQUIPMENT DEVELOPMENT	4	23,910	13,051	21,237	26,563	U
116	64212F AIRCRAFT EQUIPMENT DEV	4	4,056	2,192	1,864	17,614	U
117	64218F ENGINE MODEL DERIVATIVE PROG	4	73,654	38,510	10,254	20,511	U
118	64219F INTEGRATED DIGITAL AVIONICS	4		2,092			
119	64220F EW COUNTER RESPONSE	4		9,165	27,335	22,217	U
120	64222F NUCLEAR WEAPONS SUPPORT	4	2,240	1,694	2,298	2,059	U
121	64223F ALTERNATE FIGHTER ENGINE	4		34,869	94,125	83,125	U
122	64231F C-X PROGRAM	4	33,420				

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

PROGRAM
LINE ELEMENT
NO
ITEM NOMENCLATURE

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT ...	FY 1981	FY 1982	FY 1983	FY 1984	THOUSANDS OF DOLLARS
123	64247F MODULAR AUTOMATIC TEST EQUIPMENT	4		20,224	34,580	17,578	U
124	64249F NIGHT PRECISION ATTACK	4		87,271	103,758	93,799	U
125	64268F ACFT ENGINE COMPONENT IMPROVE PROG	4	105,091	123,889	120,472	156,429	U
126	64314F ADV MED RANGE AIR-TO-AIR MSL	4		138,079	207,601	192,670	U
127	64321F JOINT TACTICAL FUSION PROGRAM	4	5,423	5,280	9,908		U
128	64362F GRD LAUNCHED CRUISE MSL	4	107,618	80,065	28,581	23,950	U
129	64601F C/B DEFENSE EQUIPMENT	4	8,870	8,767	16,339	16,247	U
130	64602F ARMAMENT ORDNANCE DEVELOPMENT	4	20,550	25,205	20,648	21,776	U
131	64604F LOW ALTITUDE AFLD ATTACK SYS	4	25,400				U
132	64606F CONVENTIONAL STANDOFF WEAPON	4			38,858	65,708	U
133	64607F WIDE-AREA ANTI-ARMOR MUNITION	4	18,758	20,722	8,503	45,701	U
134	64608F CLOSE AIR SUPPORT WEAPONS SYSTEM	4	46,760	24,906	5,412	570	U
135	64610F AIR DELIVERED LAND MINES	4					U
136	64612F LOW LEVEL LASER GUIDED BOMB	4	4,764				U
137	64614F MEDIUM RANGE AIR-TO-SURFACE MISSILE	4	6,639	8,269	3,016		U
138	64616F AIR-LAUNCHED ASSAULT BREAKER	4	14,000	48,916	42,682	23,045	U
139	64706F LIFE SUPPORT SYSTEM	4	9,120	10,959	12,417	20,130	U
140	64708F OTHER OPERATIONAL EQUIPMENT	4	11,446	12,155	16,553	18,257	U
141	64710F RECONNAISSANCE EQUIPMENT	4	14,855	11,357	7,695	23,781	U
142	64715F DOD PHYSICAL SECURITY EQ-EXTERIOR	4	19,736	7,870	18,595	12,120	U
143	64724F TAC C3 COUNTER-MEASURES	4	20,271	10,455	18,976	27,957	U

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DEPARTMENT OF THE AIR FORCE
FY 1983 RDT & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	THOUSANDS OF DOLLARS		
				FY 1982 ---	FY 1983 ---	FY 1984 C ---
144 64725F	COMBAT IDENTIFICATION SYSTEMS	4	4,552	12,155	20,552	28,125 U
145 64733F	SURFACE DEF SUPPRESSION	4	8,605	9,564	4,740	U
146 64737F	AIRBORNE SELF-PROTECTION JAMMER	4	12,273	54,096	46,726	35,133 U
147 64738F	PROTECTIVE SYSTEMS	4	62,787	108,491	110,234	53,148 U
148 64739F	TACTICAL PROTECTIVE SYSTEMS	4	25,359	23,711	28,093	26,959 U
149 64740F	APPL FOR INFO PROCESSING TECH	4	4,455	4,882	4,993	7,209 U
150 64742F	PRECISION LOCATION STRIKE SYSTEM	4	62,780	87,795	98,859	80,379 U
151 64746F	EXPENDABLE DRONES	4	5,574	10,468		U
152 64750F	INTELLIGENCE EQUIPMENT	4	15,607	14,744	18,469	16,894 U
153 64751F	INTRA-THEATRE IMAGING SYSTEM	4	2,175	498		U
154 64753F	COMBAT HELICOPTER MODERNIZATION	4		18,829	32,347	17,977 U
155 64754F	JT TAC INFO DIST SYS	4	57,029	68,378	52,513	37,957 U
156 64756F	SIDE LOOKING AIRBORNE RADAR (SLAR)	4		29,090	27,192	20,197 U
157 64757F	SYSTEMS PROTECTION	4	356			U
158 64779F	JT INTEROPERABILITY TAC CMD/CNTRL	4	7,557	7,472	3,837	5,752 U
159 11133F	SR-71 SQUADRONS	4				
160 27128F	F-4 SQUADRONS	4	4,525	6,276		U
161 27129F	F-111 SQUADRONS	4	5,288	2,690	39,290	36,571 U
162 27130F	F-15 SQUADRONS	4	10,991	32,288	125,318	127,292 U
163 27131F	A-10 SQUADRONS	4	34,796	13,947	6,488	4,845 U
164 27133F	F-16 SQUADRONS	4	41,857	57,284	86,142	220,202 U

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DEPARTMENT OF THE AIR FORCE
FY 1983 RDT&E PROGRAM

EXHIBIT R-1

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	ACT ---	THOUSANDS OF DOLLARS		
			FY 1981	FY 1982	FY 1983
165 27136F	F-4G WILD WEASEL SQUADRONS	4	3,512	4,284	4,790
166 27161F	TACTICAL AIM MISSILE	4	7,057	299	285
167 27162F	TACTICAL AGM MISSILES	4			
168 27247F	TACTICAL SURVEILLANCE SYS	4			
169 27252F	EF-111 SQUADRONS	4	5,507	2,291	3,486
170 27411F	OVERSEAS AIR WEAPON CONT SYS	4	1,000	1,195	5,422
171 27412F	TACTICAL AIR CONTROL SYSTEM	4	13,761	6,603	6,422
172 27415F	USAFFE COMMAND/CONTROL SYS	4			
173 27417F	TAC AIRBORNE COMMD/CNTRL SYS	4	62,136	52,402	78,852
174 27423F	ADV COMM SYS	4	45,239	50,410	78,210
175 27431F	TAC AIR INTELL SYS ACTYS	4	2,944	9,066	8,253
176 27584F	SEEK AXLE	4			
177 27585F	SEEK SPINNER	4			
178 27591F	OMEGA	4			
179 28008F	AMRAAM OPER UTILITY EVAL	4	1,500	3,088	3,088
180 28010F	JT TACTICAL COMM PROG (TRI-TAC)	4	18,512	26,899	52,875
181 35687F	ELECTROMAGNETIC COMBAT INTEL SPT	4			
182 41115F	C-130 AIRLIFT SQUADRONS (1F)	4	9,000	14,944	14,944
183 41118F	C-141 AIRLIFT SQUADRONS (1F)	4	7,000	1,282	1,282
184 41119F	C-5 AIRLIFT SQUADRONS (1F)	4	10,935	15,541	8,077
185 41123F	MILITARY AIRLIFT GROUP (1F)	4			

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1
DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ----	FY 1981 ----	FY 1982 ----	FY 1983 ----	FY 1984 ----	FY 1985 ----	THOUSANDS OF DOLLARS
186 41314F	OPERATIONAL SUPPORT AIRLIFT	4	1,453,702	1,777,724	2,218,002	2,557	2,314,418	U
	TACTICAL PROGRAMS							
187	63431F SPACE COMMUNICATIONS	5	31,021	66,151	52,349	53,934	U	
188	63735F WMMCCS ARCHITECTURE	5	13,373	8,966			U	
189	64778F NAVSTAR GPS USER EQUIPMENT	5	126,214	165,377	122,837	98,927	U	
190	65708F AIRCRAFT NAVIGATION SYS VERIF	5	1,577	1,694			U	
191	31313F DEFENSE DISSEMINATION PROGRAM	5	9,490	1,700			U	
192	31314F INFRARED PROCESSING + EXPLOITATION	5		2,400			U	
193	31315F MISSILE AND SPACE TECH COLLECTION	5	19,596	15,700	651	1,580	U	
194	31316F TECHNICAL SENSOR COLLECTION	5			2,000			
195	31317F SENIOR YEAR OPERATIONS	5				21,071	U	
196	31324F FOREST GREEN	5	28,494	21,200	31,802	41,627	U	
197	31357F INTEG OPERATIONAL NUDETS DETECT SYS	5		4,500	1,996	1,099	U	
198	33110F DEF SATELLITE COMM SYS	5	35,093	40,149	53,126	25,815	U	
199	33126F LONG-HAUL COMMUNICATIONS (DCS)	5	10,854	7,970	9,537	10,337	U	
200	33144F ELECTROMAG COMPATIBILITY ANAL CTR	5	6,091	6,880	7,251	7,239	U	
201	33401F COMMUNICATIONS SECURITY	5	3,538	1,594	1,621	1,593	U	
202	34111F SPECIAL ACTIVITIES	5	687,506	942,933	1,128,400	1,036,100	U	
203	35114F TRAFFIC CNTRL/APPROACH/LANDING SYS	5	2,997	5,280	5,060	3,907	U	
204	35156F SUPPORT PROGRAM	5						

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DEPARTMENT OF THE AIR FORCE
FY 1983 R&D & E PROGRAM

EXHIBIT R-1

APPLICATION: 2000 F RESEARCH DEVELOPMENT TEST + EVAL. AIR FORCE

DATE: 2022-08-08

PROGRAM LINE ELEMENT NO	ITEM NOMENCLATURE	ACT NO	FY 1981	FY 1982	FY 1983	FY 1984
THOUSANDS OF DOLLARS						
205	35165F NAVSTAR GPS (SPACE/GRD SEGMENTS) INTELLIGENCE AND COMMUNICATIONS	6	984,978	1,305,352	1,418,213	29,560 1,334,519
206	63248F CONCEPT DEVELOPMENT	6	9,870	40,978	42,639	984 4,339
207	63401F SPACE VEHICLE SUBSYSTEMS	6	40,978	42,639	62,573	3,275 6,523
208	63402F SPACE TEST PROGRAM	6	11,058	11,058	2,670	73,738 3,366
209	63406F ADV MIL SPACEFLIGHT CAPABILITY	6	2,663	2,889	22,525	38,304
210	63443F SATELLITE SYS SURVIVABILITY	6	16,698	12,254	3,438	3,367
211	63707F WEATHER SYSTEMS	6	5,549	11,258	13,856	14,193
212	64211F ADV AERIAL TARGETS DEV	6	246,265	266,000	5,439	8,456
213	64227F FLIGHT SIMULATOR DEVELOPMENT	6	3,593	3,786	355,629	293,068
214	64411F SPACE SHUTTLE	6	11,909	22,615	25,311	8,417
215	64707F WEATHER SYSTEMS	6	3,756	3,088	4,064	22,933
216	64735F RANGE IMPROVEMENT	6	12,902	13,748	7,487	7,459
217	64747F ELECTROMAG RADIATION TEST FACIL	6	4,447	4,682	46,478	59,423
218	64755F IMPROVED CAPABILITY FOR DT+E	6	4,447	4,682	16,231	16,954
219	65101F PROJECT AIR FORCE	6	3,885	3,885	4,764	5,034
220	65304F ACQ/COMD SPT - TELECOM	6	3,885	840	4,764	5,234
221	65306F RANCH HAND II EPIDEMIOLOGY STUDY	6	236,046	241,702	15,590	18,095
222	65708F AIRCRAFT NAVIGATION SYS VERIF	6	269,229	274,306	269,229	354,273
223	65806F ACQUISITION AND COMMAND SUPPORT	6	334,687	360,773	383,229	383,229

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DEPARTMENT OF THE AIR FORCE
FY 1983 R D T & E PROGRAM

APPROPRIATION: 3600 F RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	THOUSANDS OF DOLLARS	
					E	S
225 65808F	ADV SYS ENGINEERING/PLAN	6	4,091	4,981	5,443	5,894 U
226 65872F	PRODUCTIVITY IMPROVEMENT	6			2,201	2,271 U
227 65890F	INSTL AUDIVISUAL SPT (R/D)	6	5,064	4,420	5,622	5,756 U
228 65898F	MGT HQ (RESEARCH/DEV)	6	32,246	32,440	35,341	35,766 U
229 35110F	SATELLITE CONTROL FACILITY	6	15,387	67,645	60,219	66,350 U
230 35119F	SPACE BOOSTERS	6	29,394	19,228	15,011	10,623 U
231 35130F	CONSOLIDATED SPACE OPERATIONS CENTER	6	3,781	19,427	32,116	59,328 U
232 35160F	DEF METEOROLOGICAL SATELLITE PROG	6	18,902	47,222	27,751	35,370 U
233 35171F	SPACE LAUNCH SUPPORT	6	15,000	20,151	16,419	40,346 U
234 78011F	INDUSTRIAL PREPAREDNESS	6			1,977	4,867 U
235 78019F	UTAH TESTING + TRAINING RANGE	6	1,776	1,793	2,080	2,338 U
236 78026F	PRODUCT/RELIABLE/AVAIL/MAINTAIN PROG	6	8,561	9,165	9,681	10,145 U
237 01004F	INTERNATIONAL ACTIVITIES	6	2,319	2,595	2,788	2,762 U
	DEFENSEWIDE MISSION SUPPORT		1,065,884	1,229,444	1,432,369	1,527,190
TOTAL	RESEARCH DEVELOPMENT TEST + EVAL, AIR FORCE	7,133,347	8,876,310	11,220,400		11,448,035

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DEFENSE AGENCIES

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DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

SUMMARY

EXHIBIT R-1

DATE: 08 FEB 1982

	THOUSANDS OF DOLLARS		
	FY 1981	FY 1982	FY 1983
SUMMARY RECAP OF RESEARCH CATEGORIES			
RESEARCH	102,414	93,050	113,900
EXPLORATORY DEVELOPMENT	671,864	836,843	963,200
ADVANCED DEVELOPMENT	15,054	17,166	19,125
ENGINEERING DEVELOPMENT	5,883	6,034	10,082
MANAGEMENT AND SUPPORT	44,585	46,450	62,600
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	839,800	999,543	1,168,907
OPERATIONAL SYSTEMS DEVELOPMENT	469,148	698,103	1,090,993
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,308,948	1,697,646	2,259,900
SUMMARY RECAP OF BUDGET ACTIVITIES			
TECHNOLOGY BASE	774,278	929,893	1,077,100
STRATEGIC PROGRAMS	38,224	84,341	86,100
TACTICAL PROGRAMS	451,861	634,243	700
INTELLIGENCE AND COMMUNICATIONS	44,585	46,450	62,600
DEFENSEWIDE MISSION SUPPORT	-----	-----	-----
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,308,948	1,697,646	2,259,900
SUMMARY RECAP OF FYDP PROGRAMS			
GENERAL PURPOSE FORCES	469,148	695,384	700
INTELLIGENCE AND COMMUNICATIONS	839,800	999,543	1,090,293
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	-----	-----	1,168,907
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,308,948	1,697,646	2,259,900
SUMMARY RECAP OF DEFENSE AGENCIES			
DEFENSE MAPPING AGENCY	20,148	20,900	31,800
DEPARTMENT OF DEFENSE (OSD AND OASDS)	21,293	262	756,800
DEFENSE ADVANCED RESEARCH PROJECTS AGENCY	580,184	676,262	954,154
NATIONAL SECURITY AGENCY	199,771	259,757	326,600
DEFENSE NUCLEAR AGENCY	-----	-----	357,547
DEFENSE RECONNAISSANCE SUPPORT PROGRAM	52,603	105,260	107,725
DEFENSE COMMUNICATIONS AGENCY	-----	-----	93,087
DEFENSE INTELLIGENCE AGENCY	16,215	17,774	22,700
DEFENSE LOGISTICS AGENCY	1,400	1,650	1,800
UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES	-----	-----	25,005
TOTAL RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES	1,308,948	1,697,646	2,259,900

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DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

EXHIBIT R-1

DATE: 06 FEB 1982

PROGRAM
LINE ELEMENT
NO
NUMBER

ITEM NOMENCLATURE

ACT

FY 1981

FY 1982

FY 1983

FY 1984

C

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	C
1 61101E	DEFENSE RESEARCH SCIENCES	1	101,014	91,400	112,100	145,000	U
2 61101W	IN-HOUSE LAB INDEPENDENT RESEARCH	1	1,400	1,650	1,800	1,824	U
3 62101E	TECHNICAL STUDIES	1	3,145	3,000	3,300	3,600	U
4 62301E	STRATEGIC TECHNOLOGY	1	125,354	148,631	151,900	160,000	U
5 62702E	TACTICAL TECHNOLOGY	1	84,348	80,415	93,900	126,200	U
6 62707E	PARTICLE BEAM TECHNOLOGY	1		32,500	31,000	31,000	U
7 62708E	INTEGRATED COMD/CONTROL TECH	1	32,752	45,400	55,300	62,800	U
8 62711E	EXPERIMENTAL EVAL MAJ INNOVATIVE TECH	1	199,449	237,040	268,500	375,554	U
9 62712E	MATERIALS PROCESSING TECH	1	11,977	13,300	15,400	19,300	U
10 62714E	NUCLEAR MONITORING	1	15,068	16,800	17,300	22,500	U
11 62715H	DEFENSE NUCLEAR AGENCY TECHNOLOGY BASE	1	199,771	259,757	326,600	357,547	U
12 63735K	WMMCCS ARCHITECTURE	3	789	1,166	1,262	1,400	U
13 32016K	NMCS-WIDE SUPPORT	3	5,284	9,278	7,906	8,570	U
14 32017K	WMMCCS ADP-JTSA	3	5,787	14,261	23,355	19,955	U
15 32019K	WMMCCS SYSTEM ENGINEER	3	22,774	49,269	43,732	29,327	U
16 33131K	MINIMUM ESSENTIAL EMER COMM NETWORK	3	3,590	6,483	9,845	10,993	U

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DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST + EVAL, DEF AGENCIES

DATE: 08 FEB 1982

PROGRAM	LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	U	U	U	U
		STRATEGIC PROGRAMS	3	38,224	84,341	86,100	70,245				
17	33152K	WMMCCS INFORMATION SYSTEM	3	3,884	3,884	3,884	3,884				
18	21135K	CINC C2 INITIATIVES	4		2,719	700	746	U			
19	63701B	MAP/CHART/GEODESY INV/PROTOTYPE DEV	5	14,265	16,000	17,863	18,584	U			
20	64701B	MAP/CHART/GEODESY ENGR DEV/TEST	5	5,883	6,034	10,082	12,667	U			
21	31011G	CRYPTOLOGIC ACTIVITIES	5								
	31301L	GENERAL DEFENSE INTELLIGENCE PROGRAM	5								
2.	33126K	LONG-HAUL COMMUNICATIONS (DCS)	5	14,379	18,200	18,935	19,136	U			
24	33127K	SUPPORT OF THE NCS	5			1,990	2,960	U			
25	33401G	COMMUNICATIONS SECURITY	5								
26	35159B	DEFENSE RECONNAISSANCE SUPPORT PROGRAM	5								
27	35159I	DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	5								
28	35167G	COMPUTER SECURITY	5								
29	35885G	TACTICAL CRYPTOLOGIC ACTIVITIES	5								
		INTELLIGENCE AND COMMUNICATIONS	5	451,861	634,243	1,033,400	1,468,404				
30	65104D	TECHNICAL SUPPORT TO USDR/E	6	11,200	12,100	16,649	19,719	U			
31	65106D	GENERAL SUPPORT FOR PA/E	6	2,205	2,200	3,712	4,294	U			
32	65107D	SUPPORT TO POLICY	6	3,355	2,100	4,419	1,652	U			
33	65108D	GENERAL SUPPORT FOR NET ASSESSMENT	6	1,918	1,900	4,006	4,847	U			
	65109D	GENERAL SUPPORT FOR MRA/L	6	2,615	2,600	3,014	3,632	U			

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DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

DATE: 08 FEB 1982

SUMMARY

THOUSANDS OF DOLLARS

FY 1981 FY 1982 FY 1983 FY 1984

SUMMARY RECAP OF RESEARCH CATEGORIES

MANAGEMENT AND SUPPORT	42,100	53,000	60,000	63,702
RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	42,100	53,000	60,000	63,702
TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE	42,100	53,000	60,000	63,702

SUMMARY RECAP OF BUDGET ACTIVITIES

DEFENSEWIDE MISSION SUPPORT	42,100	53,000	60,000	63,702
TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE	42,100	53,000	60,000	63,702

SUMMARY RECAP OF FYDP PROGRAMS

RESEARCH AND DEVELOPMENT (FYDP PROGRAM 6)	42,100	53,000	60,000	63,702
TOTAL DIRECTOR OF TEST + EVALUATION, DEFENSE	42,100	53,000	60,000	63,702

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DEFENSE AGENCIES
FY 1983 R D T & E PROGRAM

APPROPRIATION: 0450 D DIRECTOR OF TEST + EVALUATION, DEFENSE

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO. NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	THOUSANDS OF DOLLARS S
1 65111D	FOREIGN WEAPONS EVALUATION	6	9,150	10,900	11,600	13,314 U
2 65804D	TEST AND EVALUATION	6	32,950	42,100	48,400	50,388 U
	DEFENSEWIDE MISSION SUPPORT		42,100	53,000	60,000	63,702
TOTAL	DIRECTOR OF TEST + EVALUATION, DEFENSE		42,100	53,000	60,000	63,702

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DEPARTMENT OF DEFENSE (OSD AND OASDS)
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	THOUSANDS OF DOLLARS
30 65104D	TECHNICAL SUPPORT TO USDR/E	6	11,200	12,100	16,649	19,719 U
31 65106D	GENERAL SUPPORT FOR PA/E	6	2,205	2,200	3,712	4,294 U
32 65107D	SUPPORT TO POLICY	6	3,355	2,100	4,419	1,652 U
33 65108D	GENERAL SUPPORT FOR NET ASSESSMENT	6	1,918	1,900	4,006	4,847 U
34 65109D	GENERAL SUPPORT FOR MRA/L DEFENSEWIDE MISSION SUPPORT	6	2,615	2,600	3,014	3,632 U
		21,293	20,900	31,800	34,144	
TOTAL	DEPARTMENT OF DEFENSE (OSD AND OASDS)	21,293	20,900	31,800	34,144	

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DEFENSE ADVANCED RESEARCH PROJECTS AGENCY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	THOUSANDS OF DOLLARS	
						E	C
1	61101E DEFENSE RESEARCH SCIENCES	1	101,014	91,400	112,100	145,000	U
3	62101E TECHNICAL STUDIES	1	3,145	3,000	3,300	3,600	U
4	62301E STRATEGIC TECHNOLOGY	1	125,354	148,631	151,900	160,000	U
5	62702E TACTICAL TECHNOLOGY	1	84,348	80,415	93,900	126,200	U
6	62707E PARTICLE BEAM TECHNOLOGY	1		32,500	31,000	31,000	U
7	62708E INTEGRATED COMD/CONTROL TECH	1	32,752	45,400	55,300	62,800	U
8	62711E EXPERIMENTAL EVAL MAJ INNOVATIVE TECH	1	199,449	237,040	268,500	375,554	U
9	62712E MATERIALS PROCESSING TECH	1	11,977	13,300	15,400	19,300	U
10	62714E NUCLEAR MONITORING TECHNOLOGY BASE	1	15,068	16,800	17,300	22,500	U
		573,107	668,486	748,700	945,954		
37	65898E MGT HQ (RESEARCH/DEVELOPMENT)	6	7,077	7,776	8,100	8,200	U
TOTAL	DEFENSE ADVANCED RESEARCH PROJECTS AGENCY		580,164	676,262	756,800	954,154	

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DEFENSE NUCLEAR AGENCY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 C	E	THOUSANDS OF DOLLARS
11 62715H	DEFENSE NUCLEAR AGENCY	1	199,771	259,757	326,600	357,547	U	
TOTAL	DEFENSE NUCLEAR AGENCY			259,757	326,600	357,547		

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DEFENSE RECONNAISSANCE SUPPORT PROGRAM
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 E ---	FY 1984 C ---	THOUSANDS OF DOLLARS	S
27	351591 DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES	5	---	---	---	---	---	---	
TOTAL	DEFENSE RECONNAISSANCE SUPPORT PROGRAM								

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DEFENSE COMMUNICATIONS AGENCY
FY 1983 R D T & E PROGRAM

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

EXHIBIT R-1

DATE: 08 FEB 1982

PROGRAM	LINE ELEMENT NO	ITEM NOMENCLATURE	ACT	FY 1981	FY 1982	FY 1983	FY 1984	C E
			---	---	---	---	---	S
								THOUSANDS OF DOLLARS
12	63735K	WWMCCS ARCHITECTURE	3	789	1,166	1,262	1,400	U
13	32016K	NMCS-WIDE SUPPORT	3	5,284	9,278	7,906	8,570	U
14	32017K	WWMCCS ADP-JTSA	3	5,787	14,261	23,355	19,955	U
15	32019K	WWMCCS SYSTEM ENGINEER	3	22,774	49,269	43,732	29,327	U
16	33131K	MINIMUM ESSENTIAL EMER COMM NETWORK	3	3,590	6,483	9,845	10,993	U
17	33152K	WWMCCS INFORMATION SYSTEM	3	38,224	3,884	84,341	86,100	U
		STRATEGIC PROGRAMS					70,245	
18	21135K	CINC C2 INITIATIVES	4		2,719	700	746	U
23	33126K	LONG-HAUL COMMUNICATIONS (DCS)	5	14,379	18,200	18,935	19,136	U
24	33127K	SUPPORT OF THE NCS	5			1,990	2,960	U
		INTELLIGENCE AND COMMUNICATIONS		14,379	18,200	20,925	22,096	
TOTAL		DEFENSE COMMUNICATIONS AGENCY		52,603	105,260	107,725	93,087	

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DEFENSE INTELLIGENCE AGENCY
FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 08 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 ---	THOUSANDS OF DOLLARS
22	31301L GENERAL DEFENSE INTELLIGENCE PROGRAM	5	---	---	---	---	-----
TOTAL	DEFENSE INTELLIGENCE AGENCY						-----

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UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES

FY 1983 R D T & E PROGRAM

EXHIBIT R-1

APPROPRIATION: 0400 D RESEARCH DEVELOPMENT TEST & EVAL DEF AGENCIES

DATE: 06 FEB 1982

PROGRAM LINE ELEMENT NO NUMBER	ITEM NOMENCLATURE	ACT ---	FY 1981 ---	FY 1982 ---	FY 1983 ---	FY 1984 ---	THOUSANDS OF DOLLARS
2 61101W	IN-HOUSE LAB INDEPENDENT RESEARCH	1	1,400	1,650	1,800	1,824	U
TOTAL	UNIFORMED SERVICES UNIVERSITY HEALTH SCIENCES		1,400	1,650	1,800	1,824	

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